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ELECTRONICS

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Jameco Part Number 798745

## FEATURES AND SPECIFICATIONS

### Features and Benefits

- Board-mounting pegs provide increased retention during soldering process
- Positive housing locks to mate with Mini-Fit, Jr. receptacle
- Fully isolated terminals to protect contacts from damage
- Drain hole option available in vertical headers

### Reference Information

Product Specification: PS-5556-0001

Packaging: Tray or bag

UL File No.: E29179

CSA File No.: LR19980

TUV License No.: R75142

Mates With: 5557 dual row receptacle

Designed In: Millimeters

### Electrical

Voltage: 600V

Current: (Used with 16 AWG)

| Circuits    | 2-3 | 4-6 | 7-10 | 12-24 |
|-------------|-----|-----|------|-------|
| Amperes-Jr. | 9   | 8   | 7    | 6     |

### Electrical (cont'd)

Contact Resistance: 10mΩ max.

Dielectric Withstanding Voltage: 1500V AC

Insulation Resistance: 1000 MΩ min.

### Mechanical

Contact Insertion Force: 1.5kg max.

Contact Retention to Housing: 3.0kg min.

Wire Pull-Out Force: 9.0kg min.

Insertion Force to PCB: 5.0kg max.

Mating Force: 0.7kg (1.54 lb) max.

Unmating Force: 0.35kg (0.7 lb) min.

Normal Force: 200g min.

Durability: 30 cycles

### Physical

Housing: 6/6 nylon, UL 94V-2 or 94V-0

Contact: Brass or Phosphor Bronze

Plating: Tin, select Gold or overall Gold

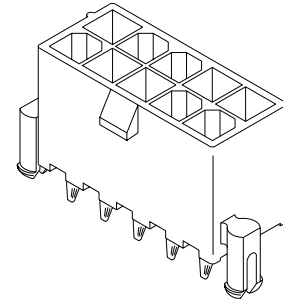
Operating Temperature: -40 to +105°C



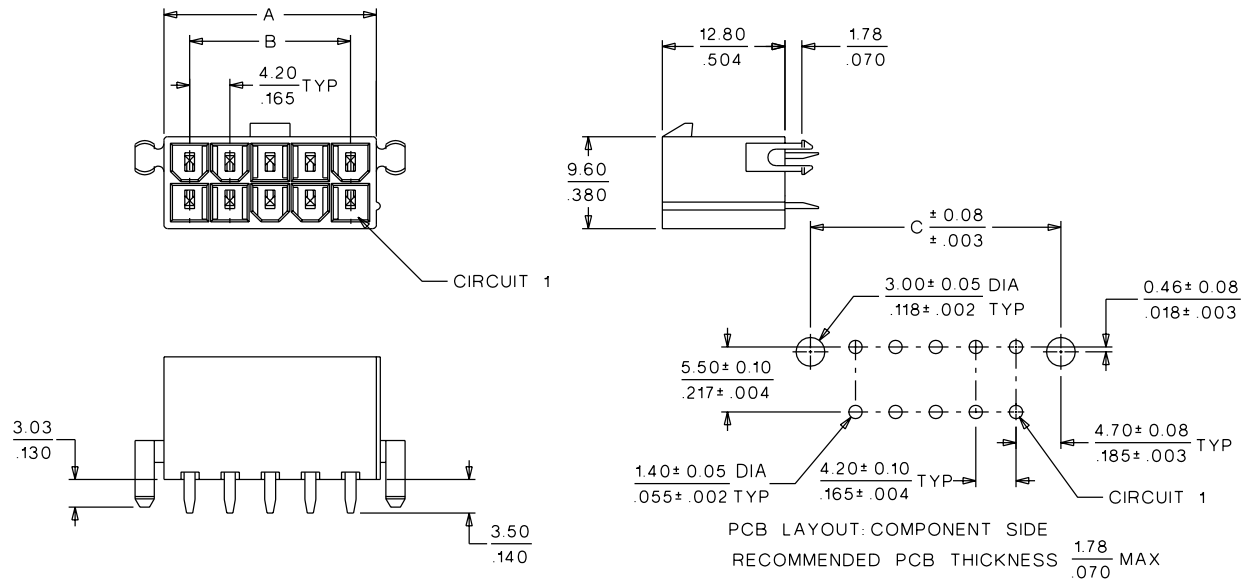
## 4.20mm (.165") Pitch Mini-Fit, Jr.™ Header

5566

## Vertical, Dual Row With Pegs



## CATALOG DRAWING (FOR REFERENCE ONLY)



## ORDERING INFORMATION AND DIMENSIONS

| With Drain Holes |            |            |                    |            |               |               |               |
|------------------|------------|------------|--------------------|------------|---------------|---------------|---------------|
| Circuits         | Order No.  |            |                    |            | Dimension     |               |               |
|                  | Tin Plated |            | Gold Plated (30μ") |            | A             | B             | C             |
|                  | 94V-2      | 94V-0      | 94V-2              | 94V-0      |               |               |               |
| 2                | 39-29-9022 | 39-29-9026 | 39-29-9024         | 39-28-9028 | 5.40 (.210)   |               | 9.40 (.370)   |
| 4                | 39-29-9042 | 39-29-9046 | 39-29-9044         | 39-28-9048 | 9.60 (.380)   | 4.20 (.170)   | 13.60 (.535)  |
| 6                | 39-29-9062 | 39-29-9066 | 39-29-9064         | 39-28-9068 | 13.80 (.540)  | 8.40 (.330)   | 17.80 (.701)  |
| 8                | 39-29-9082 | 39-29-9086 | 39-29-9084         | 39-28-9088 | 18.00 (.710)  | 12.60 (.500)  | 22.00 (.866)  |
| 10               | 39-29-9102 | 39-29-9106 | 39-29-9104         | 39-28-9108 | 22.20 (.870)  | 16.80 (.660)  | 26.20 (1.031) |
| 12               | 39-29-9122 | 39-29-9126 | 39-29-9124         | 39-28-9128 | 26.40 (1.040) | 21.00 (.830)  | 30.40 (1.197) |
| 14               | 39-29-9142 | 39-29-9146 | 39-29-9144         | 39-28-9148 | 30.60 (1.200) | 25.20 (.990)  | 34.60 (1.362) |
| 16               | 39-29-9162 | 39-29-9166 | 39-29-9164         | 39-28-9168 | 34.80 (1.370) | 29.40 (1.160) | 38.80 (1.528) |
| 18               | 39-29-9182 | 39-29-9186 | 39-29-9184         | 39-28-9188 | 39.00 (1.540) | 33.60 (1.320) | 43.00 (1.693) |
| 20               | 39-29-9202 | 39-29-9206 | 39-29-9204         | 39-28-9208 | 43.20 (1.700) | 37.80 (1.490) | 47.20 (1.858) |
| 22               | 39-29-9222 |            | 39-29-9224         |            | 47.40 (1.870) | 42.00 (1.650) | 51.40 (2.024) |
| 24               | 39-29-9242 | 39-29-9246 | 39-29-9244         | 39-28-9248 | 51.60 (2.030) | 46.20 (1.820) | 55.60 (2.189) |

| Without Drain Holes |            |            |                    |            |               |               |               |
|---------------------|------------|------------|--------------------|------------|---------------|---------------|---------------|
| Circuits            | Order No.  |            |                    |            | Dimension     |               |               |
|                     | Tin Plated |            | Gold Plated (30μ") |            | A             | B             | C             |
|                     | 94V-2      | 94V-0      | 94V-2              | 94V-0      |               |               |               |
| 2                   | 39-29-9023 | 39-29-9027 | 39-29-9025         | 39-29-9029 | 5.40 (.210)   |               | 9.40 (.370)   |
| 4                   | 39-29-9043 | 39-29-9047 | 39-29-9045         | 39-29-9049 | 9.60 (.380)   | 4.20 (.170)   | 13.60 (.535)  |
| 6                   | 39-29-9063 | 39-29-9067 | 39-29-9065         | 39-29-9069 | 13.80 (.540)  | 8.40 (.330)   | 17.80 (.701)  |
| 8                   | 39-29-9083 | 39-29-9087 | 39-29-9085         | 39-29-9089 | 18.00 (.710)  | 12.60 (.500)  | 22.00 (.866)  |
| 10                  | 39-29-9103 | 39-29-9107 | 39-29-9105         | 39-29-9109 | 22.20 (.870)  | 16.80 (.660)  | 26.20 (1.031) |
| 12                  | 39-29-9123 | 39-29-9127 | 39-29-9125         | 39-29-9129 | 26.40 (1.040) | 21.00 (.830)  | 30.40 (1.197) |
| 14                  | 39-29-9143 | 39-29-9147 | 39-29-9145         | 39-29-9149 | 30.60 (1.200) | 25.20 (.990)  | 34.60 (1.362) |
| 16                  | 39-29-9163 | 39-29-9167 | 39-29-9165         | 39-29-9169 | 34.80 (1.370) | 29.40 (1.160) | 38.80 (1.528) |
| 18                  | 39-29-9183 | 39-29-9187 | 39-29-9185         | 39-29-9189 | 39.00 (1.540) | 33.60 (1.320) | 43.00 (1.693) |
| 20                  | 39-29-9203 | 39-29-9207 | 39-29-9205         | 39-29-9209 | 43.20 (1.700) | 37.80 (1.490) | 47.20 (1.858) |
| 24                  | 39-29-9243 | 39-29-9247 | 39-29-9245         | 39-29-9249 | 51.60 (2.030) | 46.20 (1.820) | 55.60 (2.189) |

• US Standard Product available through Molex franchised distributors



# PRODUCT SPECIFICATION

## MINI-FIT JR.

### 1.0 SCOPE

This Product Specification covers performance requirements for the MINI-FIT JR. 4.20 mm (.165 inch) centerline (pitch) printed circuit board (PCB) connector series with Tin or Gold plating, and The MINI-FIT JR. connector series terminated with 16 to 28 AWG wire using Crimp technology with Tin or Gold plating.

### 2.0 PRODUCT DESCRIPTION

#### 2.1 PRODUCT NAME AND SERIES NUMBER (S)

| <u>PRODUCT NAME</u>         | <u>PART NUMBER</u> |
|-----------------------------|--------------------|
| Female Crimp Terminal       | 5556-****          |
| Male Crimp Terminal         | 5558-****          |
| Receptacle Housing          | 5557-****          |
| Plug Housing                | 5559-****          |
| Vertical Header Assembly    | 5566-****          |
| Right Angle Header Assembly | 5569-****          |

#### 2.2 DIMENSIONS, MATERIALS, PLATINGS AND MARKINGS

See the appropriate sales drawings for the information on dimensions, materials, platings and markings.

#### 2.3 SAFETY AGENCY APPROVALS

UL File: E29179  
CSA Certificate: LR 19980  
TUV Certificate: R75142-8

### 3.0 APPLICABLE DOCUMENTS AND SPECIFICATIONS

See sales drawings and the other sections of this specification for the necessary referenced documents and specifications

### 4.0 RATINGS

#### 4.1 VOLTAGE

600 Volts AC (RMS) (or 600 Volts DC)

#### 4.2 CURRENT AND APPLICABLE WIRES

|                                                              |                               |
|--------------------------------------------------------------|-------------------------------|
| Maximum Insulation Diameter<br>and<br>Applicable Wire Gauges | 16 AWG: 3.10/. 122 MAXIMUM    |
|                                                              | 18-24 AWG: 3.10/. 122 MAXIMUM |
|                                                              | 22-28 AWG: 1.80/. 071 MAXIMUM |

|                                               |                                                                                          |                                                                                         |                                        |
|-----------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------|
| <u>REVISION:</u><br><b>C</b>                  | <u>ECR/ECN INFORMATION:</u><br><u>EC No:</u> UCP2004-2349<br><u>DATE:</u> 2004 / 05 / 25 | <u>TITLE:</u><br><b>PRODUCT SPECIFICATION FOR<br/>MINI-FIT JR.<br/>CONNECTOR SYSTEM</b> | <u>SHEET No.</u><br><b>1 of 5</b>      |
| <u>DOCUMENT NUMBER:</u><br><b>PS-5556-001</b> | <u>CREATED / REVISED BY:</u><br><b>BANDURA</b>                                           | <u>CHECKED BY:</u><br><b>BANDURA</b>                                                    | <u>APPROVED BY:</u><br><b>MARGULIS</b> |



# PRODUCT SPECIFICATION

## 4.2 CURRENT AND APPLICABLE WIRES (continued)

| MAXIMUM CURRENT RATING (Amperes) |       |       |        |         |                  |       |       |        |         |
|----------------------------------|-------|-------|--------|---------|------------------|-------|-------|--------|---------|
| Brass                            |       |       |        |         | Phosphor Bronze  |       |       |        |         |
| Wire \ Ckt. Size                 | 2 & 3 | 4 - 6 | 7 - 10 | 12 - 24 | Wire \ Ckt. Size | 2 & 3 | 4 - 6 | 7 - 10 | 12 - 24 |
| AWG #16                          | 9     | 8     | 7      | 6       | AWG #16          | 8     | 7     | 6      | 5       |
| AWG #18                          | 9     | 8     | 7      | 6       | AWG #18          | 8     | 7     | 6      | 5       |
| AWG #20                          | 7     | 6     | 5      | 5       | AWG #20          | 6     | 5     | 4      | 4       |
| AWG #22                          | 5     | 4     | 4      | 4       | AWG #22          | 4     | 3     | 3      | 3       |
| AWG #24                          | 4     | 3     | 3      | 3       | AWG #24          | 3     | 2     | 2      | 2       |
| AWG #26                          | 3     | 2     | 2      | 2       | AWG #26          | 2     | 1     | 1      | 1       |
| AWG #28                          | 2     | 1     | 1      | 1       | AWG #28          | 1     | 1     | 1      | 1       |

## 4.3 TEMPERATURE

Operating: \* - 40°C to + 105°C

Nonoperating: - 40°C to + 105°C

\*Including 30°C terminal temperature at rated current

## 5.0 PERFORMANCE

### 5.1 ELECTRICAL REQUIREMENTS

| ITEM | DESCRIPTION                                        | TEST CONDITION                                                                                                                       | REQUIREMENT                          |
|------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| 1    | Contact Resistance (Low Level)                     | Mate connectors: apply a maximum voltage of 20 mV and a current of 100 mA. Wire resistance shall be removed from the measured value. | 10 milliohms<br>MAXIMUM<br>[initial] |
| 2    | Contact Resistance @ Rated Current                 | Mate connectors: apply a maximum voltage of 20 mV at rated current.                                                                  | 10 milliohms<br>MAXIMUM<br>[initial] |
| 3    | Contact Resistance of Wire Termination (Low Level) | Terminate the applicable wire to the terminal and measure wire using a voltage of 20 mV and a current of 100 mA.                     | 5 milliohms<br>MAXIMUM<br>[initial]  |
| 4    | Insulation Resistance                              | Mate connectors: apply a voltage of 500 VDC between adjacent terminals and between terminals to ground.                              | 1000 Megohms<br>MINIMUM              |

|                  |                                             |                                                               |              |
|------------------|---------------------------------------------|---------------------------------------------------------------|--------------|
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| DOCUMENT NUMBER: | CREATED / REVISED BY:                       | CHECKED BY:                                                   | APPROVED BY: |
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# PRODUCT SPECIFICATION

## 5.1 ELECTRICAL REQUIREMENTS (continued)

| ITEM | DESCRIPTION                                   | TEST CONDITION                                                                                                                                                                                             | REQUIREMENT                             |
|------|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| 5    | <b>Dielectric Withstanding Voltage</b>        | Mate connectors: apply a voltage of 1500 VAC for 1 minute between adjacent terminals and between terminals to ground.                                                                                      | No breakdown.<br>Current leakage < 5 mA |
| 6    | <b>Temperature Rise (via Current Cycling)</b> | Mate connectors. Measure the temperature rise at the rated current after 96 hours, during current cycling (45 minutes ON and 15 minutes OFF per hour) for 240 hours, and after final 96-hour steady state. | Temperature rise:<br>+30°C MAXIMUM      |

## 5.2 MECHANICAL REQUIREMENTS

| ITEM | DESCRIPTION                                     | TEST CONDITION                                                                                                                                        | REQUIREMENT                                                                                                                                                                                                                                       |
|------|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | <b>Terminal Insertion and Withdrawal Forces</b> | Insert and withdraw terminal (male to female) at a rate of $25 \pm 6$ mm ( $1 \pm \frac{1}{4}$ inch) per minute.                                      | 14.7 N (3.30 lbf)<br>MAXIMUM insertion force<br>&<br>1.0 N (0.02 lbf)<br>MINIMUM withdrawal force                                                                                                                                                 |
| 2    | <b>Terminal Retention Force (in Housing)</b>    | Axial pullout force on the terminal in the housing at a rate of $25 \pm 6$ mm ( $1 \pm \frac{1}{4}$ inch) per minute.                                 | 30 N (6.74 lbf)<br>MINIMUM retention force                                                                                                                                                                                                        |
| 3    | <b>Durability</b>                               | Mate connectors up to 30 cycles at a maximum rate of 10 cycles per minute prior to Environmental Tests.                                               | 20 milliohms MAXIMUM                                                                                                                                                                                                                              |
| 4    | <b>Vibration (Random)</b>                       | Mate connectors and vibrate per EIA 364-28, test condition VII.                                                                                       | 10 milliohms MAXIMUM<br>(change from initial)<br>&<br>Discontinuity < 1 microsecond                                                                                                                                                               |
| 5    | <b>Shock (Mechanical)</b>                       | Mate connectors and shock at 50 g's with $\frac{1}{2}$ sine wave (11 milliseconds) shocks in the $\pm X$ , $\pm Y$ , $\pm Z$ axes, (18 shocks total). | 20 milliohms MAXIMUM<br>&<br>Discontinuity < 1 microsecond                                                                                                                                                                                        |
| 6    | <b>Wire Pullout Force (Axial)</b>               | Apply an axial pullout force on the wire at a rate of $25 \pm 6$ mm ( $1 \pm \frac{1}{4}$ inch).                                                      | 16 Awg = 88.0 N (19.8 lbf) Min.<br>18 Awg = 88.0 N (19.8 lbf) Min.<br>20 Awg = 59.0 N (13.3 lbf) Min.<br>22 Awg = 39.0 N (8.78 lbf) Min.<br>24 Awg = 29.0 N (6.52 lbf) Min.<br>26 Awg = 19.0 N (4.27 lbf) Min.<br>28 Awg = 9.80 N (2.20 lbf) Min. |

|                    |                                             |                                                                        |                 |
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| DOCUMENT NUMBER:   | CREATED / REVISED BY:                       | CHECKED BY:                                                            | APPROVED BY:    |
| <b>PS-5556-001</b> | <b>BANDURA</b>                              | <b>BANDURA</b>                                                         | <b>MARGULIS</b> |



# PRODUCT SPECIFICATION

## 5.2 MECHANICAL REQUIREMENTS (continued)

|    |                                                |                                                                                                                                                          |                                                                                                                      |
|----|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| 7  | <b>Terminal Insertion Force (into Housing)</b> | Apply an axial insertion force on the terminal at a rate of $25 \pm 6$ mm ( $1 \pm \frac{1}{4}$ inch).                                                   | 15.0 N (3.37 lbf)<br>MAXIMUM insertion force                                                                         |
| 8  | <b>Normal Force</b>                            | Apply a perpendicular force.                                                                                                                             | 0.49 N (50 grams) MINIMUM<br>[Gold (noble) plating]<br>OR<br>1.47 N (150 grams) MINIMUM<br>[Tin (non-noble) plating] |
| 9  | <b>PCB Engagement and Separation Forces</b>    | Engage and separate a connector at a rate of $25 \pm 6$ mm ( $1 \pm \frac{1}{4}$ inch) per minute. (Applies to parts with PCB retention features only)   | 49.0 N (11.0 lbf)<br>MAXIMUM insertion force<br>&<br>10.0 N (2.24 lbf)<br>MINIMUM withdrawal force                   |
| 10 | <b>Panel Insertion and Withdrawal Forces</b>   | Insert and withdraw a connector at a rate of $25 \pm 6$ mm ( $1 \pm \frac{1}{4}$ inch) per minute. (Applies to parts with panel retention features only) | 225 N (50.7 lbf)<br>MAXIMUM insertion force<br>&<br>157 N (35.3 lbf)<br>MINIMUM withdrawal force                     |
| 11 | <b>Pin Retention Force</b>                     | Apply axial push force at the speed rate of $25 \pm 3$ mm/minute.                                                                                        | 1.0 KGF MIN.                                                                                                         |
| 12 | <b>Thumblatch Operation Force</b>              | Depress latch at a speed rate of 25.4 mm/minute.                                                                                                         | 1.7 KGF MAX.                                                                                                         |
| 13 | <b>Thumblatch Yield Strength</b>               | Mate loaded connectors fully. Pull apart via wires at a speed rate of 25.4 mm/minute.                                                                    | 7.0 KGF MIN.                                                                                                         |

|                    |                                             |                                                                        |                 |
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| DOCUMENT NUMBER:   | CREATED / REVISED BY:                       | CHECKED BY:                                                            | APPROVED BY:    |
| <b>PS-5556-001</b> | <b>BANDURA</b>                              | <b>BANDURA</b>                                                         | <b>MARGULIS</b> |



# PRODUCT SPECIFICATION

## 5.3 ENVIRONMENTAL REQUIREMENTS (continued)

| ITEM | DESCRIPTION                                                                  | TEST CONDITION                                                                                                                                                | REQUIREMENT                                                                                                   |
|------|------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| 1    | <b>Thermal Shock</b>                                                         | Mate connectors: expose for 5 cycles<br>Between temperatures $-55$ and $105^{\circ}\text{C}$ ;<br>Dwell 0.5 hours at each temperature.                        | 20 milliohms MAXIMUM<br>Visual: No Damage<br>Dielectric Strength per 5.1.5<br>Insulation Resistance per 5.1.4 |
| 2    | <b>Thermal Aging</b>                                                         | Mate connectors; expose to:<br>96 hours at $105 \pm 2^{\circ}\text{C}$                                                                                        | 20 milliohms MAXIMUM<br>&<br>Visual: No Damage                                                                |
| 3    | <b>Humidity<br/>(Steady State)</b>                                           | Mate connectors: expose to a<br>temperature of $60 \pm 2^{\circ}\text{C}$ with a relative<br>humidity of 90-95% for 96 hours.                                 | 20 milliohms MAXIMUM<br>Dielectric Strength per 5.1.5<br>Insulation Resistance per 5.1.4<br>Visual: No Damage |
| 4    | <b>Solderability</b>                                                         | Per SMES-152                                                                                                                                                  | Solder coverage:<br>95% MINIMUM<br>(per SMES-152)                                                             |
| 5    | <b>Solder Resistance</b>                                                     | Dip connector terminals tail in solder:<br>Solder Duration: $5 \pm 0.5$ seconds;<br>Solder Temperature: $260 \pm 5^{\circ}\text{C}$                           | Visual:<br>No Damage to insulator<br>material                                                                 |
| 6    | <b>Cold Resistance</b>                                                       | Mate connectors:<br>Duration; 96 hours;<br>Temperature: $-40 \pm 3^{\circ}\text{C}$                                                                           | 20 milliohms MAXIMUM<br>Visual: No Damage                                                                     |
| 7    | <b>Corrosive<br/>Atmosphere: Sulfur<br/>Dioxide Gas<br/>(SO<sub>2</sub>)</b> | Mate connectors:<br>Duration; 24 hours exposure.<br>Atmosphere: 50 parts per million (ppm)<br>SO <sub>2</sub> Gas.<br>Temperature: $40 \pm 3^{\circ}\text{C}$ | 20 milliohms MAXIMUM<br>Visual: No Damage                                                                     |

## 6.0 PACKAGING

Parts shall be packaged to protect against damage during handling, transit and storage.

|                    |                                             |                                                                        |                 |
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| DOCUMENT NUMBER:   | CREATED / REVISED BY:                       | CHECKED BY:                                                            | APPROVED BY:    |
| <b>PS-5556-001</b> | <b>BANDURA</b>                              | <b>BANDURA</b>                                                         | <b>MARGULIS</b> |



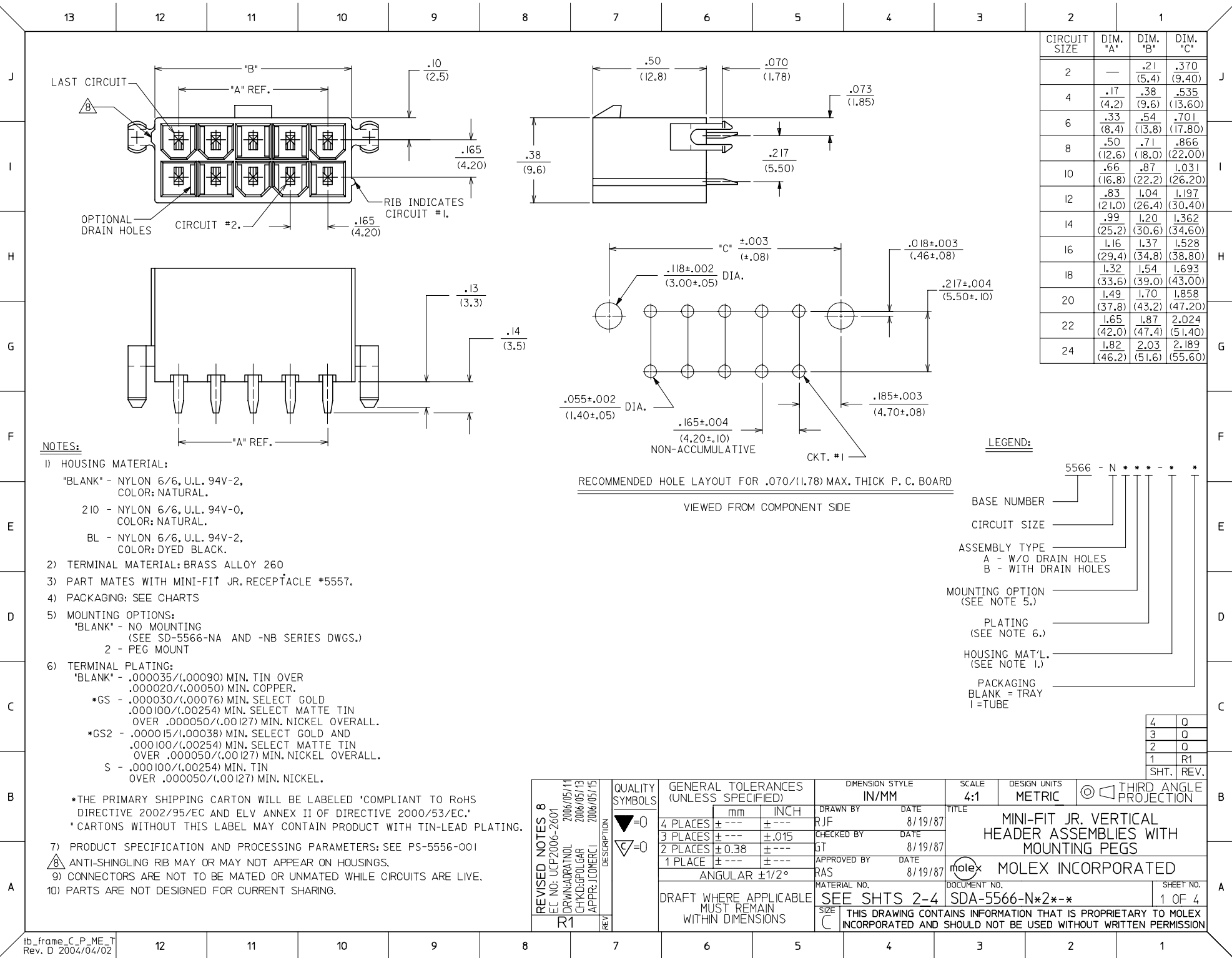
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|                                                    |                                                                                                |                                                                                              |                                           |                                             |                                        |
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| <div>DOCUMENT NUMBER:</div> <div>PS-5556-001</div> |                                                                                                | <div>CREATED / REVISED BY:</div> <div>BANDURA</div>                                          | <div>CHECKED BY:</div> <div>BANDURA</div> | <div>APPROVED BY:</div> <div>MARGULIS</div> |                                        |
| TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC   |                                                                                                |                                                                                              |                                           |                                             |                                        |



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|                                                    |                                                                                                |                                                                                              |                                           |                                             |                                        |
|----------------------------------------------------|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------|----------------------------------------|
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| <div>DOCUMENT NUMBER:</div> <div>PS-5556-001</div> |                                                                                                | <div>CREATED / REVISED BY:</div> <div>BANDURA</div>                                          | <div>CHECKED BY:</div> <div>BANDURA</div> | <div>APPROVED BY:</div> <div>MARGULIS</div> |                                        |
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|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |                         |  |    |            |                |      |                         |  |            |              |                |  |                         |            |                  |      |                |  |                         |                  |      |  |   |  |  |  |  |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------------|--|----|------------|----------------|------|-------------------------|--|------------|--------------|----------------|--|-------------------------|------------|------------------|------|----------------|--|-------------------------|------------------|------|--|---|--|--|--|--|
|   | 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            | 12                      |  | 11 |            | 10             |      | 9                       |  | 8          |              | 7              |  | 6                       |            | 5                |      | 4              |  | 3                       |                  | 2    |  | 1 |  |  |  |  |
| J | PLATING:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |            | 35 M.I. TIN             |  |    |            | PLATING:       |      | 35 M.I. TIN             |  |            |              | PLATING:       |  | 30 M.I. GOLD            |            |                  |      | PLATING:       |  | 30 M.I. GOLD            |                  |      |  |   |  |  |  |  |
|   | DRAIN HOLES:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            | WITHOUT DRAIN HOLES     |  |    |            | DRAIN HOLES:   |      | WITHOUT DRAIN HOLES     |  |            |              | DRAIN HOLES:   |  | WITHOUT DRAIN HOLES     |            |                  |      | DRAIN HOLES:   |  | WITHOUT DRAIN HOLES     |                  |      |  |   |  |  |  |  |
|   | MTG. OPTION:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            | WITH PEGS               |  |    |            | MTG. OPTION:   |      | WITH PEGS               |  |            |              | MTG. OPTION:   |  | WITH PEGS               |            |                  |      | MTG. OPTION:   |  | WITH PEGS               |                  |      |  |   |  |  |  |  |
|   | HOUSING MAT'L:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            | NYLON 6/6 94V-2 NATURAL |  |    |            | HOUSING MAT'L: |      | NYLON 6/6 94V-0 NATURAL |  |            |              | HOUSING MAT'L: |  | NYLON 6/6 94V-2 NATURAL |            |                  |      | HOUSING MAT'L: |  | NYLON 6/6 94V-0 NATURAL |                  |      |  |   |  |  |  |  |
|   | PACKAGING:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            | TRAY                    |  |    |            | PACKAGING:     |      | TRAY                    |  |            |              | PACKAGING:     |  | TRAY                    |            |                  |      | PACKAGING:     |  | TRAY                    |                  |      |  |   |  |  |  |  |
| I | PART NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ENG NO.    | CKTS                    |  |    | PART NO.   | ENG NO.        | CKTS |                         |  | PART NO.   | ENG NO.      | CKTS           |  |                         | PART NO.   | ENG NO.          | CKTS |                |  | PART NO.                | ENG NO.          | CKTS |  |   |  |  |  |  |
|   | 39-29-9023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5566 -02A2 | 2                       |  |    | 39-29-9027 | 5566 -02A2-210 | 2    |                         |  | 39-29-9025 | 5566 -02A2GS | 2              |  |                         | 39-29-9029 | 5566 -02A2GS-210 | 2    |                |  | 39-29-9029              | 5566 -02A2GS-210 | 2    |  |   |  |  |  |  |
|   | 39-29-9043                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5566 -04A2 | 4                       |  |    | 39-29-9047 | 5566 -04A2-210 | 4    |                         |  | 39-29-9045 | 5566 -04A2GS | 4              |  |                         | 39-29-9049 | 5566 -04A2GS-210 | 4    |                |  | 39-29-9049              | 5566 -04A2GS-210 | 4    |  |   |  |  |  |  |
|   | 39-29-9063                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5566 -06A2 | 6                       |  |    | 39-29-9067 | 5566 -06A2-210 | 6    |                         |  | 39-29-9065 | 5566 -06A2GS | 6              |  |                         | 39-29-9069 | 5566 -06A2GS-210 | 6    |                |  | 39-29-9069              | 5566 -06A2GS-210 | 6    |  |   |  |  |  |  |
|   | 39-29-9083                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5566 -08A2 | 8                       |  |    | 39-29-9087 | 5566 -08A2-210 | 8    |                         |  | 39-29-9085 | 5566 -08A2GS | 8              |  |                         | 39-29-9089 | 5566 -08A2GS-210 | 8    |                |  | 39-29-9089              | 5566 -08A2GS-210 | 8    |  |   |  |  |  |  |
| H | 39-29-9103                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5566 -10A2 | 10                      |  |    | 39-29-9107 | 5566 -10A2-210 | 10   |                         |  | 39-29-9105 | 5566 -10A2GS | 10             |  |                         | 39-29-9109 | 5566 -10A2GS-210 | 10   |                |  | 39-29-9109              | 5566 -10A2GS-210 | 10   |  |   |  |  |  |  |
|   | 39-29-9123                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5566 -12A2 | 12                      |  |    | 39-29-9127 | 5566 -12A2-210 | 12   |                         |  | 39-29-9125 | 5566 -12A2GS | 12             |  |                         | 39-29-9129 | 5566 -12A2GS-210 | 12   |                |  | 39-29-9129              | 5566 -12A2GS-210 | 12   |  |   |  |  |  |  |
|   | 39-29-9143                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5566 -14A2 | 14                      |  |    | 39-29-9147 | 5566 -14A2-210 | 14   |                         |  | 39-29-9145 | 5566 -14A2GS | 14             |  |                         | 39-29-9149 | 5566 -14A2GS-210 | 14   |                |  | 39-29-9149              | 5566 -14A2GS-210 | 14   |  |   |  |  |  |  |
|   | 39-29-9163                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5566 -16A2 | 16                      |  |    | 39-29-9167 | 5566 -16A2-210 | 16   |                         |  | 39-29-9165 | 5566 -16A2GS | 16             |  |                         | 39-29-9169 | 5566 -16A2GS-210 | 16   |                |  | 39-29-9169              | 5566 -16A2GS-210 | 16   |  |   |  |  |  |  |
|   | 39-29-9183                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5566 -18A2 | 18                      |  |    | 39-29-9187 | 5566 -18A2-210 | 18   |                         |  | 39-29-9185 | 5566 -18A2GS | 18             |  |                         | 39-29-9189 | 5566 -18A2GS-210 | 18   |                |  | 39-29-9189              | 5566 -18A2GS-210 | 18   |  |   |  |  |  |  |
| G | 39-29-9203                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5566 -20A2 | 20                      |  |    | 39-29-9207 | 5566 -20A2-210 | 20   |                         |  | 39-29-9205 | 5566 -20A2GS | 20             |  |                         | 39-29-9209 | 5566 -20A2GS-210 | 20   |                |  | 39-29-9209              | 5566 -20A2GS-210 | 20   |  |   |  |  |  |  |
|   | 39-29-9223                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5566 -22A2 | 22                      |  |    | 39-29-9227 | 5566 -22A2-210 | 22   |                         |  | 39-29-9225 | 5566 -22A2GS | 22             |  |                         | 39-29-9229 | 5566 -22A2GS-210 | 22   |                |  | 39-29-9229              | 5566 -22A2GS-210 | 22   |  |   |  |  |  |  |
|   | 39-29-9243                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5566 -24A2 | 24                      |  |    | 39-29-9247 | 5566 -24A2-210 | 24   |                         |  | 39-29-9245 | 5566 -24A2GS | 24             |  |                         | 39-29-9249 | 5566 -24A2GS-210 | 24   |                |  | 39-29-9249              | 5566 -24A2GS-210 | 24   |  |   |  |  |  |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -          |                         |  |    |            | -              |      |                         |  |            | -            |                |  |                         |            | -                |      |                |  |                         | -                |      |  |   |  |  |  |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -          |                         |  |    |            | -              |      |                         |  |            | -            |                |  |                         |            |                  | -    |                |  |                         |                  | -    |  |   |  |  |  |  |
| F | PLATING:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |            | 35 M.I. TIN             |  |    |            | PLATING:       |      | 35 M.I. TIN             |  |            |              | PLATING:       |  | 30 M.I. GOLD            |            |                  |      | PLATING:       |  | 30 M.I. GOLD            |                  |      |  |   |  |  |  |  |
|   | DRAIN HOLES:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            | WITH DRAIN HOLES        |  |    |            | DRAIN HOLES:   |      | WITH DRAIN HOLES        |  |            |              | DRAIN HOLES:   |  | WITH DRAIN HOLES        |            |                  |      | DRAIN HOLES:   |  | WITH DRAIN HOLES        |                  |      |  |   |  |  |  |  |
|   | MTG. OPTION:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            | WITH PEGS               |  |    |            | MTG. OPTION:   |      | WITH PEGS               |  |            |              | MTG. OPTION:   |  | WITH PEGS               |            |                  |      | MTG. OPTION:   |  | WITH PEGS               |                  |      |  |   |  |  |  |  |
|   | HOUSING MAT'L:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            | NYLON 6/6 94V-2 NATURAL |  |    |            | HOUSING MAT'L: |      | NYLON 6/6 94V-0 NATURAL |  |            |              | HOUSING MAT'L: |  | NYLON 6/6 94V-2 NATURAL |            |                  |      | HOUSING MAT'L: |  | NYLON 6/6 94V-0 NATURAL |                  |      |  |   |  |  |  |  |
|   | PACKAGING:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            | TRAY                    |  |    |            | PACKAGING:     |      | TRAY                    |  |            |              | PACKAGING:     |  | TRAY                    |            |                  |      | PACKAGING:     |  | TRAY                    |                  |      |  |   |  |  |  |  |
| E | PART NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ENG NO.    | CKTS                    |  |    | PART NO.   | ENG NO.        | CKTS |                         |  | PART NO.   | ENG NO.      | CKTS           |  |                         | PART NO.   | ENG NO.          | CKTS |                |  | PART NO.                | ENG NO.          | CKTS |  |   |  |  |  |  |
|   | 39-29-9022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5566 -02B2 | 2                       |  |    | 39-29-9026 | 5566 -02B2-210 | 2    |                         |  | 39-29-9024 | 5566 -02B2GS | 2              |  |                         | 39-28-9028 | 5566 -02B2GS-210 | 2    |                |  | 39-28-9028              | 5566 -02B2GS-210 | 2    |  |   |  |  |  |  |
|   | 39-29-9042                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5566 -04B2 | 4                       |  |    | 39-29-9046 | 5566 -04B2-210 | 4    |                         |  | 39-29-9044 | 5566 -04B2GS | 4              |  |                         | 39-28-9048 | 5566 -04B2GS-210 | 4    |                |  | 39-28-9048              | 5566 -04B2GS-210 | 4    |  |   |  |  |  |  |
|   | 39-29-9062                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5566 -06B2 | 6                       |  |    | 39-29-9066 | 5566 -06B2-210 | 6    |                         |  | 39-29-9064 | 5566 -06B2GS | 6              |  |                         | 39-28-9068 | 5566 -06B2GS-210 | 6    |                |  | 39-28-9068              | 5566 -06B2GS-210 | 6    |  |   |  |  |  |  |
|   | 39-29-9082                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5566 -08B2 | 8                       |  |    | 39-29-9086 | 5566 -08B2-210 | 8    |                         |  | 39-29-9084 | 5566 -08B2GS | 8              |  |                         | 39-28-9088 | 5566 -08B2GS-210 | 8    |                |  | 39-28-9088              | 5566 -08B2GS-210 | 8    |  |   |  |  |  |  |
| D | 39-29-9102                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5566 -10B2 | 10                      |  |    | 39-29-9106 | 5566 -10B2-210 | 10   |                         |  | 39-29-9104 | 5566 -10B2GS | 10             |  |                         | 39-28-9108 | 5566 -10B2GS-210 | 10   |                |  | 39-28-9108              | 5566 -10B2GS-210 | 10   |  |   |  |  |  |  |
|   | 39-29-9122                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5566 -12B2 | 12                      |  |    | 39-29-9126 | 5566 -12B2-210 | 12   |                         |  | 39-29-9124 | 5566 -12B2GS | 12             |  |                         | 39-28-9128 | 5566 -12B2GS-210 | 12   |                |  | 39-28-9128              | 5566 -12B2GS-210 | 12   |  |   |  |  |  |  |
|   | 39-29-9142                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5566 -14B2 | 14                      |  |    | 39-29-9146 | 5566 -14B2-210 | 14   |                         |  | 39-29-9144 | 5566 -14B2GS | 14             |  |                         | 39-28-9148 | 5566 -14B2GS-210 | 14   |                |  | 39-28-9148              | 5566 -14B2GS-210 | 14   |  |   |  |  |  |  |
|   | 39-29-9162                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5566 -16B2 | 16                      |  |    | 39-29-9166 | 5566 -16B2-210 | 16   |                         |  | 39-29-9164 | 5566 -16B2GS | 16             |  |                         | 39-28-9168 | 5566 -16B2GS-210 | 16   |                |  | 39-28-9168              | 5566 -16B2GS-210 | 16   |  |   |  |  |  |  |
|   | 39-29-9182                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5566 -18B2 | 18                      |  |    | 39-29-9186 | 5566 -18B2-210 | 18   |                         |  | 39-29-9184 | 5566 -18B2GS | 18             |  |                         | 39-28-9188 | 5566 -18B2GS-210 | 18   |                |  | 39-28-9188              | 5566 -18B2GS-210 | 18   |  |   |  |  |  |  |
| C | 39-29-9202                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5566 -20B2 | 20                      |  |    | 39-29-9206 | 5566 -20B2-210 | 20   |                         |  | 39-29-9204 | 5566 -20B2GS | 20             |  |                         | 39-28-9208 | 5566 -20B2GS-210 | 20   |                |  | 39-28-9208              | 5566 -20B2GS-210 | 20   |  |   |  |  |  |  |
|   | 39-29-9222                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5566 -22B2 | 22                      |  |    | 39-29-9226 | 5566 -22B2-210 | 22   |                         |  | 39-29-9224 | 5566 -22B2GS | 22             |  |                         | 39-28-9228 | 5566 -22B2GS-210 | 22   |                |  | 39-28-9228              | 5566 -22B2GS-210 | 22   |  |   |  |  |  |  |
|   | 39-29-9242                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5566 -24B2 | 24                      |  |    | 39-29-9246 | 5566 -24B2-210 | 24   |                         |  | 39-29-9244 | 5566 -24B2GS | 24             |  |                         | 39-28-9248 | 5566 -24B2GS-210 | 24   |                |  | 39-28-9248              | 5566 -24B2GS-210 | 24   |  |   |  |  |  |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -          |                         |  |    |            | -              |      |                         |  |            | -            |                |  |                         |            | -                |      |                |  |                         | -                |      |  |   |  |  |  |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -          |                         |  |    |            | -              |      |                         |  |            | -            |                |  |                         |            |                  | -    |                |  |                         |                  | -    |  |   |  |  |  |  |
| B | <div><div>SEE SHEET 1</div><div>EC NO: UCP2006-1448</div><div>2005/12/24</div><div>DRWN:JUNNE</div><div>2005/12/24</div><div>CHKD:GPOUGAR</div><div>2005/12/24</div><div>APPR:JCOMERC</div><div>2005/12/22</div><div>REV</div><div>DESCRIPTION</div><div>QUALITY SYMBOLS</div><div>▽=0</div><div>▽=0</div><div>GENERAL TOLERANCES (UNLESS SPECIFIED)</div><div>mm</div><div>INCH</div><div>4 PLACES ± --- ± ---</div><div>3 PLACES ± --- ±.01</div><div>2 PLACES ±.25 ±.015</div><div>1 PLACE ±.38 ± ---</div><div>ANGULAR ±1/2°</div><div>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</div><div>DIMENSION STYLE</div><div>IN/MM</div><div>DRAWN BY</div><div>DATE</div><div>8/19/87</div><div>RJF</div><div>CHECKED BY</div><div>DATE</div><div>8/19/87</div><div>GT</div><div>APPROVED BY</div><div>DATE</div><div>8/19/87</div><div>RAS</div><div>MATERIAL NO.</div><div>DOCUMENT NO.</div><div>SDA-5566-N*2*-*</div><div>SHEET NO.</div><div>2</div><div>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</div></div> |            |                         |  |    |            |                |      |                         |  |            |              |                |  |                         |            |                  |      |                |  |                         |                  |      |  |   |  |  |  |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |                         |  |    |            |                |      |                         |  |            |              |                |  |                         |            |                  |      |                |  |                         |                  |      |  |   |  |  |  |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |                         |  |    |            |                |      |                         |  |            |              |                |  |                         |            |                  |      |                |  |                         |                  |      |  |   |  |  |  |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |                         |  |    |            |                |      |                         |  |            |              |                |  |                         |            |                  |      |                |  |                         |                  |      |  |   |  |  |  |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |                         |  |    |            |                |      |                         |  |            |              |                |  |                         |            |                  |      |                |  |                         |                  |      |  |   |  |  |  |  |
| A | <div><div>SEE SHEET 1</div><div>EC NO: UCP2006-1448</div><div>2005/12/24</div><div>DRWN:JUNNE</div><div>2005/12/24</div><div>CHKD:GPOUGAR</div><div>2005/12/24</div><div>APPR:JCOMERC</div><div>2005/12/22</div><div>REV</div><div>DESCRIPTION</div><div>QUALITY SYMBOLS</div><div>▽=0</div><div>▽=0</div><div>GENERAL TOLERANCES (UNLESS SPECIFIED)</div><div>mm</div><div>INCH</div><div>4 PLACES ± --- ± ---</div><div>3 PLACES ± --- ±.01</div><div>2 PLACES ±.25 ±.015</div><div>1 PLACE ±.38 ± ---</div><div>ANGULAR ±1/2°</div><div>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</div><div>DIMENSION STYLE</div><div>IN/MM</div><div>DRAWN BY</div><div>DATE</div><div>8/19/87</div><div>RJF</div><div>CHECKED BY</div><div>DATE</div><div>8/19/87</div><div>GT</div><div>APPROVED BY</div><div>DATE</div><div>8/19/87</div><div>RAS</div><div>MATERIAL NO.</div><div>DOCUMENT NO.</div><div>SDA-5566-N*2*-*</div><div>SHEET NO.</div><div>2</div><div>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</div></div> |            |                         |  |    |            |                |      |                         |  |            |              |                |  |                         |            |                  |      |                |  |                         |                  |      |  |   |  |  |  |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |                         |  |    |            |                |      |                         |  |            |              |                |  |                         |            |                  |      |                |  |                         |                  |      |  |   |  |  |  |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |                         |  |    |            |                |      |                         |  |            |              |                |  |                         |            |                  |      |                |  |                         |                  |      |  |   |  |  |  |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |                         |  |    |            |                |      |                         |  |            |              |                |  |                         |            |                  |      |                |  |                         |                  |      |  |   |  |  |  |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |                         |  |    |            |                |      |                         |  |            |              |                |  |                         |            |                  |      |                |  |                         |                  |      |  |   |  |  |  |  |

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| tb_frame_C_P_ME_T | 12 |  | 11 |  | 10 |  | 9 |  | 8 |  | 7 |  | 6 |  | 5 |  | 4 |  | 3 |  | 2 |  | 1 |  |
|-------------------|----|--|----|--|----|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|