Distributed by:

JAMECO

ELECTRONICS

### www.Jameco.com + 1-800-831-4242

The content and copyrights of the attached material are the property of its owner.

Jameco Part Number 736595

- Standard cantilever terminal
- Cantilever design provides high contact pressure
- Wiping action cleans oxides when connector is mated
- 2759 Series is Brass
- 6459 Series is Phosphor Bronze

#### **Reference Information**

Product Specification: PS-10-07 Packaging: Bag or reel

Tooling Information: See crimp tooling section

UL File No.: E29179 CSA File No.: LR19980

Use With: 2695, 5051, 6745 and 41895 housings

Designed In: Inches

2.54mm (.100")

#### Electrical

Voltage: 250V Current: 6459—4.0A 2759—2.5A

Contact Resistance:  $20m\Omega$  max.

Dielectric Withstanding Voltage: 1500V Insulation Resistance: 50K M $\Omega$  min.

#### Mechanical

Wire Pull-Out Force:

| Wire Gauge (AWG)    | 22 | 24 | 26 | 28 | 30 |
|---------------------|----|----|----|----|----|
| Pull-Out Force (lb) | 10 | 8  | 6  | 4  | 3  |

Mating Force: 255g max. Unmating Force: 50g min. Normal Force: 200g min.

#### **Physical**

Contact: 6459—Phosphor Bronze

2759—Brass Plating: See Table

Wire Accommodation: 22 to 30 AWG

Insulation Range: 1.58mm (.062") diameter max.

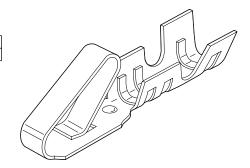


**molex**° 2.54mm (.100") Pitch

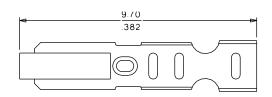
KK®

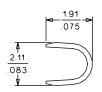
**Crimp Terminal** 

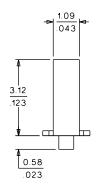
2759/6459

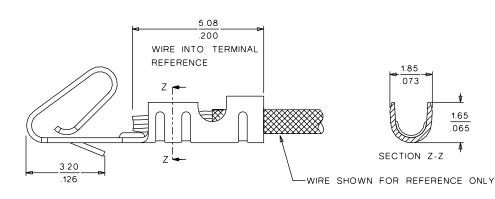


#### **CATALOG DRAWING (FOR REFERENCE ONLY)**









#### Note: 2759 shown

#### **ORDERING INFORMATION AND DIMENSIONS**

|                 |              | Order No.    |              |              |                |                |                  |               |
|-----------------|--------------|--------------|--------------|--------------|----------------|----------------|------------------|---------------|
| Contact         | Tin P        | lating       | 15μ" Gol     | d Plating    | 15µ" Selective | e Gold Plating | Wire Gauge (AWG) | Insulation OD |
|                 | Bag          | Reel         | Bag          | Reel         | Bag            | Reel           |                  |               |
| Brass           | • 08-50-0114 | • 08-50-0113 | • 08-56-0110 | • 08-56-0109 | • 08-55-0102   | • 08-55-0101   | 22-30            | 1.57 (.062)   |
| Phosphor Bronze | • 08-52-0123 | • 08-52-0101 | • 08-65-0814 | • 08-65-0813 | • 08-65-0816   | • 08-65-0815   | 22-30            | 1.57 (.062)   |

<sup>•</sup> US Standard Product, available through Molex franchised distributors

C-110 MX01



#### 1.0 SCOPE

This Product Specification covers the 2.54 mm (.100 inch) centerline (pitch) 0.64 mm (.025) square pin headers when mated with either printed circuit board (PCB) connectors or connectors terminated with 22 to 28 AWG wire using crimp technology.

#### 2.0 PRODUCT DESCRIPTION

#### 2.1 PRODUCT NAME AND SERIES NUMBERS

Crimp Terminals: 2759, 41572, 6459

Crimp Housings: 2695

PCB Connectors: 4455, 42625

Headers: 4030, 4094, 6373, 7478, 42225, 42226, 42227, 42228, 42152, 42153, 42375, 42376,

42377, 42624.

Other products conforming to this specification are noted on the individual drawings.

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

Terminal Material: Brass or Phos. Bronze (for Max performance use phos bronze material.)

Housing: Nylon or Polyester Pins: Brass or Phos. Bronze

For more information on dimensions, materials, and plating see the individual drawings.

#### 2.3 SAFETY AGENCY APPROVALS

| UL File Number E29179 |   |
|-----------------------|---|
| CSALR19980            | ) |

#### 3.0 APPLICABLE DOCUMENTS AND SPECIFICATIONS

None

#### 4.0 RATINGS

#### 4.1 VOLTAGE

250 Volts

**4.2 CURRENT AND APPLICABLE WIRES** (Current is dependent on connector size, contact material, plating, ambient temperature, printed circuit board characteristics and related factors. Actual current rating is application dependent and should be evaluated for each application.)

| AWG | Amps (Max) | Outside Insulation Diamete |
|-----|------------|----------------------------|
| 22  | 4.00       | See Drawings               |
| 24  | 3.75       | See Drawings               |
| 26  | 3.50       | See Drawings               |
| 28  | 3.00       | See Drawings               |

#### 4.3 TEMPERATURE (ambient + 30° temp rise)

Operating: 0°C to +75°C Nonoperating: -40°C to +105°C

DEVISION: ECD/ECN INFORMATION: TITLE:

| P                | EC No: UCR2002-0299  DATE: 2001 / 09 / 18          |                         | JCT SPECIFICATION TER KK CONNECT |        | 1 of 5  |
|------------------|--|-------------------------|----------------------------------|--------|---------|
| DOCUMENT NUMBER: |  | CREATED / REVISED BY:   | CHECKED BY:                      | APPRO\ | /ED BY: |
| PS-10-07         |  | SAMIEC MUELLER MARGULIS |                                  | BULIS  |         |
|                  | TEMPLATE FILENAME: PRODUCT, SPECISIZE, AVV. 1) DOC |                         |                                  |        |         |

CLIEFT No.



#### **5.0 PERFORMANCE**

### **5.1 ELECTRICAL REQUIREMENTS**

| DESCRIPTION  | TEST CONDITION  | REQUIREMENT                          |
|--|---|--------------------------------------|
| Contact<br>Resistance<br>(Low Level)               | Mate connectors: apply a maximum voltage of 20 mV and a current of 100 mA.  | 10 milliohms<br>MAXIMUM<br>[initial] |
| 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.  | 2 milliohms<br>MAXIMUM<br>[initial]  |
| Insulation<br>Resistance                           | Unmate & unmount connectors: apply a voltage of 500 VDC between adjacent terminals and between terminals to ground.   | 1000 Megohms<br>MINIMUM              |
| Dielectric<br>Withstanding<br>Voltage              | Unmate connectors: apply a voltage of {two times the rated voltage plus 1000 volts} VAC for 1 minute between adjacent terminals and between terminals to ground.                            | No breakdown                         |
| Capacitance  | Measure between adjacent terminals at 1 MHz.  | 2 picofarads<br>MAXIMUM              |
| Temperature<br>Rise<br>(via Current Cycling)       | Mate connectors: measure the temperature rise at the rated current after:  1) 96 hours (steady state)  2) 240 hours (45 minutes ON and 15 minutes OFF per hour)  3) 96 hours (steady state) | Temperature rise:<br>+30°C MAXIMUM   |

| 1 3-10-01        |                      | O, ame                    |                            | ME: PRODUCT SPEC     |           |
|------------------|----------------------|---------------------------|----------------------------|----------------------|-----------|
|                  | PS-10-07             | SAMIEC                    | MUELLER                    | MARG                 | ULIS      |
| DOCUMENT NUMBER: |                      | CREATED / REVISED BY:     | CHECKED BY:                | APPRO\               | /ED BY:   |
| •                | DATE: 2001 / 09 / 18 |                           |                            |                      |           |
| Р                | EC No: UCR2002-0299  | .100 CENTER KK CONNECTORS |                            | <b>2</b> of <b>5</b> |           |
| REVISION:        | ECR/ECN INFORMATION: | TITLE: PRODI              | TLE: PRODUCT SPECIFICATION |                      | SHEET No. |



## 5.2 MECHANICAL REQUIREMENTS

| DESCRIPTION                                   | TEST CONDITION  | REQUIREMENT  |
|---|---|--|
| Connector Mate<br>and<br>Unmate Forces        | Per circuit when mated to an .025 Sq. pin.  Mate and unmate connector (male to female) at a rate of 25 ± 6 mm (1 ± ¼ inch) per minute.                                  | 1.95 N (0.438 lbf) MAXIMUM insertion force & 0.56 N (0.125 lbf) MINIMUM withdrawal force                                   |
| Terminal<br>Retention Force<br>(in Housing)   | 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. (Forces will change with platings and materials.) | 17.8 N (4.0 lbf)<br>MINIMUM withdrawal force   |
| Terminal<br>Insertion Force<br>(into Housing) | Apply an axial insertion force on the terminal at a rate of $25 \pm 6$ mm ( $1 \pm \frac{1}{4}$ inch). (Forces will change with platings and materials.)                | 6.67 N (1.5 lbf)<br>MAXIMUM insertion force  |
| Durability                                    | Mate connectors up to 25 cycles at a maximum rate of 10 cycles per minute prior to Environmental Tests.   | 10 milliohms MAXIMUM (change from initial)   |
| Vibration<br>(Random)                         | Mate connectors and vibrate per EIA 364-28, test condition VII.   | 10 milliohms MAXIMUM (change from initial) & Discontinuity < 1 microsecond   |
| Shock<br>(Mechanical)                         | Mate connectors and shock at 50 g's with ½ sine wave (11 milliseconds) shocks in the ±X,±Y,±Z axes (18 shocks total).   | 10 milliohms MAXIMUM (change from initial]) & Discontinuity < 1 microsecond  |
| Wire<br>Pullout Force<br>(Axial)              | Apply an axial pullout force on the wire at a rate of 25 ± 6 mm (1 ± ¼ inch). (For maximum performance use Molex application tooling with stranded tinned copper wire)  | 22 awg = 44 N (10 lbf)<br>24 awg = 35 N (8 lbf)<br>26 awg = 26 N (6 lbf)<br>28 awg = 17 N (4 lbf)<br>30 awg = 13 N (3 lbf) |
| Normal<br>Force                               | Apply a perpendicular force.  | 2.94 N (300 grams) average   |

| REVISION:  | ECR/ECN INFORMATION: EC No: UCR2002-0299  DATE: 2001 / 09 / 18 |                         | JCT SPECIFICATION TER KK CONNECT |               | 3 of 5  |
|--|--|-------------------------|----------------------------------|---------------|---------|
| DOCUMENT NUMBER:                                 |  | CREATED / REVISED BY:   | CHECKED BY:                      | <u>APPROV</u> | /ED BY: |
| PS-10-07   |  | SAMIEC MUELLER MARGULIS |                                  |               | ULIS    |
| TEMPLATE FILENAME: PRODUCT_SPECJSIZE_A](V.1).DOC |  |                         |                                  |               |         |



### 5.3 ENVIRONMENTAL REQUIREMENTS

| DESCRIPTION                | TEST CONDITION  | REQUIREMENT   |
|----------------------------|---|---|
| Shock<br>(Thermal)         | Mate connectors; expose to 5 cycles of:         Temperature °C       Duration (Minutes)         -40 +0/-3       30         +25 ±10       5 MAXIMUM         +105 +3/-0       30         +25 ±10       5 MAXIMUM  | 10 milliohms MAXIMUM<br>(change from initial)<br>&<br>Visual: No Damage   |
| Thermal Aging              | Mate connectors; expose to: 96 hours at 105 ± 2°C   | 10 milliohms MAXIMUM<br>(change from initial])<br>&<br>Visual: No Damage  |
| Humidity<br>(Steady State) | Mate connectors: expose to a temperature of 40 ± 2°C with a relative humidity of 90-95% for 96 hours.  Note: Remove surface moisture and air dry for 1 hour prior to measurements.  | 10 milliohms MAXIMUM (change from initial) & Dielectric Withstanding Voltage: No Breakdown at 500 VAC & Insulation Resistance: 1000 Megohms MINIMUM & Visual: No Damage |
| Humidity<br>(Cyclic)       | Mate connectors: cycle per EIA-364-31: 24 cycles at temperature 25 ± 3°C at 80 ± 5% relative humidity and 65 ± 3°C at 50 ± 5% relative humidity; dwell time of 1.0 hour; ramp time of 0.5 hours.  {Note: Remove surface moisture and air dry for 1 hour prior to measurements.} | 10 milliohms MAXIMUM (change from initial) & Dielectric Withstanding Voltage: No Breakdown at 500 VAC & Insulation Resistance: 1000 Megohms MINIMUM & Visual: No Damage |
| Solderability              | Per SMES-152  | Solder coverage:<br>95% MINIMUM (per<br>SMES-152)   |

| PS-10-07         |                      | SAMIEC                    | MUELLER               | MARG ME: PRODUCT SPEC |           |
|------------------|----------------------|---------------------------|-----------------------|-----------------------|-----------|
|                  | DO 40 07             | 0.414150                  | MUELLED               | 14400                 |           |
| DOCUMENT NUMBER: |                      | CREATED / REVISED BY:     | CHECKED BY:           | APPRO\                | /ED BY:   |
| •                | DATE: 2001 / 09 / 18 |                           |                       |                       |           |
| Р                | EC No: UCR2002-0299  | .100 CENTER KK CONNECTORS |                       | <b>4</b> of <b>5</b>  |           |
| REVISION:        | ECR/ECN INFORMATION: | TITLE: PRODI              | PRODUCT SPECIFICATION |                       | SHEET No. |



### **5.3 ENVIRONMENTAL REQUIREMENTS**

| DESCRIPTION  | TEST CONDITION   | REQUIREMENT   |
|--|--|---|
| Solder<br>Resistance                                   | Dip connector terminal tails in solder:<br>Solder Duration: 5 ± 0.5 seconds;<br>Solder Temperature: 230 ± 5°C    | Visual:<br>No Damage to insulator<br>material                           |
| Salt Spray   | Mate connectors: Duration: 48 hours exposure; Atmosphere: salt spray from a 5% solution; Temperature: 35 +1/-2°C | 10 milliohms MAXIMUM<br>(change from initial)<br>&<br>Visual: No Damage |
| Cold Resistance  | Mate connectors: Duration: 96 hours; Temperature: -40 ± 3°C  | 10 milliohms MAXIMUM<br>(change from initial)<br>&<br>Visual: No Damage |
| Corrosive<br>Atmosphere:<br>Flowing Mixed Gas<br>(FMG) | Mate connectors:<br>Test per EIA-364-65, method 2A   | 10 milliohms MAXIMUM<br>(change from initial)<br>&<br>Visual: No Damage |

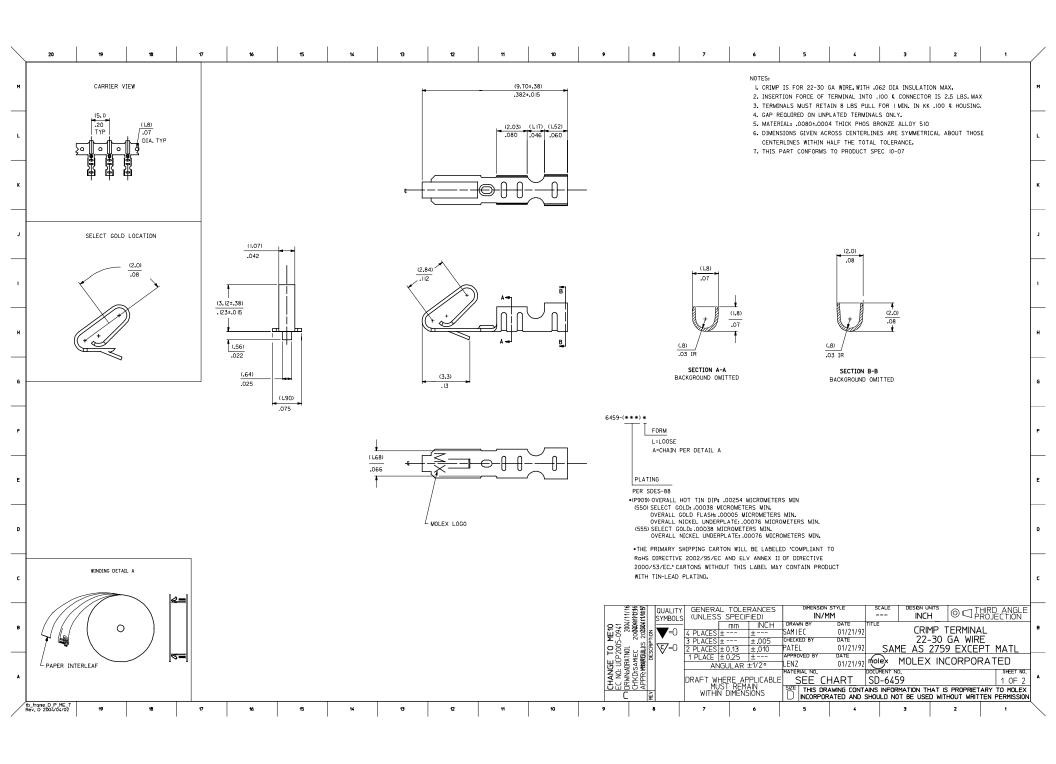
#### 6.0 PACKAGING

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

7.0 GAGES AND FIXTURES

#### 8.0 OTHER

| TEMPLATE FILENAME: PRODUCT SPECISIZE A](V.1).DOC |                      |                       |                   |              |                      |  |  |  |  |
|--|----------------------|-----------------------|-------------------|--------------|----------------------|--|--|--|--|
| PS-10-07   |                      | SAMIEC                | MUELLER           | MARGULIS     |                      |  |  |  |  |
| DOCUMENT NUMBER:                                 |                      | CREATED / REVISED BY: | CHECKED BY:       | APPROVED BY: |                      |  |  |  |  |
| •  | DATE: 2001 / 09 / 18 |                       |                   |              |                      |  |  |  |  |
| Р  | EC No: UCR2002-0299  |                       | TER KK CONNEC     | _            | <b>5</b> of <b>5</b> |  |  |  |  |
| REVISION:  | ECR/ECN INFORMATION: | TITLE: PRODI          | JCT SPECIFICATION | ON           | SHEET No.            |  |  |  |  |



| 64  | 159-(***)*   |   |                   |    |    |  |  |    |                   |  |   |   |   | '             |                     |                    | '  |           |
|---|--|---|-------------------|----|----|--|--|----|-------------------|--|---|---|---|---------------|---------------------|--------------------|--|-----------|
| PART NO. ENG. NO.<br>40-07-0815 6459-(999)<br>6459-(999)L |  |   | PART NO. ENG. NO. |    |    | PART NO.   | ENG. NO.   |    | PART NO. ENG. NO. |  |   | PART NO.  | ENG. NO.  |               | PART NO.            | ENG. NO.           |  |           |
| 10-07-08 15   | 6459-(999)   |   | 11                |    |    |  |  |    |                   |  |   |   |   |               |                     |                    | H  |           |
| 18-52-0101  | 6459-(999)L<br>• 6459-(P909)   |   |                   |    |    |  |  |    |                   |  |   |   |   | +             |                     |                    | H  | +         |
| 18-52-0101  | 6459-(P909)     6459-(P909)L     6459-(56 i)   |   | 11                |    |    |  |  |    |                   |  |   |   |   | +             |                     |                    | +  |           |
| 8-65-0801   | 6459-(561)   |   |                   |    |    |  |  |    |                   |  |   |   |   |               |                     |                    |  |           |
|   | 6459-(56 I)L   |   |                   |    |    |  |  |    |                   |  |   |   |   |               |                     |                    |  |           |
| 20. 50. 0110  | C 450 (00 4)   |   |                   |    |    |  |  |    |                   |  |   |   |   |               |                     |                    | -  |           |
| 08-52-0118  | 6459-(224)<br>6459-(224)L  |   | -                 |    |    |  |  |    |                   | +  |   |   |   | +             | _                   |                    | <del>                                     </del> | +         |
| 08-52-0121  | 6459-(224)L<br>6459-(122)<br>6459-(122)L<br>6459-(558)L<br>6459-(558)L<br>6459-(555)L<br>6459-(550)L<br>6459-(550)L<br>6459-(231)L |   | 111               |    |    |  |  |    |                   |  |   |   |   | 1             |                     |                    |  |           |
| 3-52-0122   | 6459-(122)L  |   |                   |    |    |  |  |    |                   |  |   |   |   |               |                     |                    |  |           |
| 8-65-0811   | 6459-(558)   |   | 1                 |    |    |  |  |    |                   |  |   |   |   |               |                     |                    |  |           |
| 08-65-081Z<br>8-65-0815                                   | 6459-(558)L<br>- 6459-(555)  |   | ₩                 |    |    |  |  |    |                   |  |   |   |   | +             |                     |                    | +  |           |
| 8-65-0816   | • 6459-(555)   |   | 111               |    |    |  |  |    |                   |  |   |   |   | +             |                     |                    |  |           |
| 8-65-0813   | • 6459-(550)   |   |                   |    |    |  |  |    |                   |  |   |   |   |               |                     |                    |  |           |
| 8-65-0814   | • 6459-(550)L  |   |                   |    |    |  |  |    |                   |  |   |   |   |               |                     |                    |  |           |
| 8-65-0817   | 6459-(231)   |   |                   |    |    |  |  |    |                   |  |   |   |   | -             |                     |                    | H  |           |
| 18-65-0818  | 6459-(231)L  |   | 11                |    |    |  | <del>                                     </del> |    |                   |  | +                                       |   |   | +             |                     |                    | +  | +         |
|   |  |   | 111               |    |    |  |  |    |                   |  |   |   |   | +             |                     |                    | <del>                                     </del> |           |
|   |  |   |                   |    |    |  |  |    |                   |  |   |   |   |               |                     |                    |  |           |
|   | _  |   | 11                |    |    |  | $\perp$  |    |                   | +  | 1                                       |   | -H  |               |                     |                    | H  |           |
|   | +  | - | 11                | -H |    | $\vdash$   |  | -  | -                 | +  | +                                       |   | -H  | ++            |                     | ++                 | +  | +         |
|   |  |   | 111               |    |    | $\vdash$   | <del>                                     </del> |    |                   |  |   | <del>-  </del>  |   | 11            |                     | 11                 | H  | +         |
|   |  |   |                   |    |    |  |  |    |                   |  |   |   |   |               |                     |                    |  |           |
|   | 1  |   | 11                |    |    |  |  |    | -                 | $\Box$   | 1                                       |   |   |               |                     |                    | H  |           |
|   | -  | - | 11                | -H |    | $\vdash$   |  |    |                   | +  | +                                       |   | - $+$ $-$                                       | +             | -                   | +H                 | +  | +         |
|   | +  |   | 11                |    |    | $\vdash$   | <del>                                     </del> |    | _                 | $\vdash$   | +                                       |   | $\dashv$ H $=$                                  | ++            | -                   | $\dashv$ H $$      | H  | +         |
|   |  |   | 11                |    |    |  |  |    |                   |  | <u> </u>                                |   |   |               |                     |                    | <u> </u>   |           |
|   | 1  |   |                   |    |    |  |  |    |                   |  |   |   |   |               |                     | $\Box$             | П  |           |
|   | 1  |   | 11                |    |    |  | 1  |    |                   | H -  |   |   |   |               |                     |                    | H  | _         |
|   |  |   | 11                |    |    |  |  |    |                   | +  |   |   |   |               |                     | +                  | +  | +         |
| -   |  |   | 11                |    |    | $\vdash$   | + +  |    |                   | H  | 1                                       |   | - $+$ $+$ $  -$                                 | ++            |                     | $\dashv$ H $=$     | +  |           |
|   |  |   |                   |    |    |  |  |    |                   |  |   |   |   |               |                     |                    |  |           |
|   |  |   |                   |    |    |  |  |    |                   |  |   |   |   |               |                     |                    |  |           |
|   | +  |   | 11                |    |    | <del>                                     </del> |  |    |                   | +  | +                                       |   | - $+$ $ -$                                      |               |                     |                    | H  |           |
|   | 1  |   | 11                |    |    | $\vdash$   |  |    |                   | +  | +                                       |   | -H  | ++            |                     | $\dashv$ H $$      | +  | _         |
|   | 1  |   | 111               |    |    | <del>                                     </del> |  |    |                   |  | 1                                       |   |   | 11            |                     | 1H                 | H  | _         |
|   |  |   |                   |    |    |  |  |    |                   |  |   |   |   |               |                     |                    |  |           |
|   |  |   | 11                |    |    |  |  |    |                   |  |   |   |   |               |                     |                    |  |           |
|   | +  | - | 11                | -H |    | <del>                                     </del> | +  | -  |                   | +  | +                                       |   | - $+$ $-$                                       | ++            | -                   | $\dashv$ H $====$  | +  | +         |
| -   |  |   | 11                |    |    | <del>                                     </del> | + +  |    | _                 | +  | +                                       |   | -   | ++            | -                   | $\dashv$ H $$      | +  | +         |
|   |  |   | 111               |    |    |  | <del>                                     </del> | 1  |                   | <del>                                     </del> | 1                                       | 1   | $\neg$  |               |                     | <b></b>            | H  |           |
|   |  |   |                   |    |    |  |  |    |                   |  |   |   |   |               |                     |                    |  |           |
|   | +  |   |                   |    |    | <b>  </b>  |  |    |                   | +  | +                                       |   | - $+$ $ -$                                      |               |                     |                    | H  |           |
|   | +  |   | 11                | -H |    | $\vdash$   | +  |    |                   | +  | 1                                       |   | -H  | ++            |                     | $\dashv$ H $$      | H  | +         |
| -   |  |   | 11                |    |    | <del>                                     </del> |  |    |                   |  | 1                                       | <del>-  </del>  |   | 11            |                     | 11                 | H  |           |
|   |  |   |                   |    |    |  |  |    |                   |  |   |   |   |               |                     |                    |  |           |
|   |  |   | 11                |    |    |  |  |    |                   |  |   |   |   |               |                     | 444                | 1  |           |
|   | -  |   | 11                | -H |    |  |  |    | -                 | $\vdash$   | +                                       |   | -H  |               | _                   | $\dashv$ H $$      | +  | +         |
| -   | 1  |   | 11                |    |    | <del>                                     </del> | + +  |    | _                 | +  | +                                       | +   | - $+$ $-$                                       | ++            |                     | $\dashv$ H $$      | +  | +         |
|   |  |   | 111               |    |    |  |  | 1  |                   |  | 1                                       |   |   |               |                     | <b></b>            | H  |           |
|   |  |   |                   |    |    |  |  |    |                   |  |   |   |   |               |                     |                    |  |           |
|   |  |   | 11                |    |    |  | $\perp$  |    | -                 | +  |   |   |   |               |                     |                    | H  |           |
|   |  |   | 11                |    |    |  | +  |    |                   | +  |   |   | -   | ++            |                     | $\dashv$ H $$      | H  | +         |
| -   |  |   | 11                |    |    | <del>                                     </del> |  |    |                   |  | 1                                       | <del>-  </del>  |   | 11            |                     | 11                 | H  |           |
|   |  |   |                   |    |    |  |  |    |                   |  |   |   |   |               |                     |                    |  |           |
|   |  |   |                   |    |    |  |  |    |                   |  |   |   |   |               |                     |                    |  |           |
|   |  |   |                   |    |    |  |  |    |                   |  |   |   |   |               |                     |                    |  |           |
|   |  |   |                   |    |    |  |  |    |                   |  | 7 15<br>3 15<br>3 15                    | APPRING SOMOTHMORE STANDARD SOMOTHMORE STANDARD SOMOTHWORE STANDARD SOMOTHWORE STANDARD SOMOTHWORE STANDARD SOMOTHWORE STANDARD SOMOTHWORE STANDARD SOMOTHWOSE STANDARD SOMOTHWOSE STANDARD SOMOTH SOMOTH SOMOTH SOMOTH SOM | GENERAL TOLI                                    | RANCES DI     | MENSION STYLE IN/MM |                    | NCH © THIF                                       | P ANGL    |
|   |  |   |                   |    |    |  |  |    |                   |  | Z= 28                                   | SYMBOLS   | (UNLESS SPEC                                    | INI H DRAWN E | BY DATE             | TITI C             |  | JEL I ION |
|   |  |   |                   |    |    |  |  |    |                   |  | S 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | <b>8</b>   <b>▼</b> =0  | 4 PLACES ±                                      |               | 01/21/              | unal C             | RIMP TERMINAL                                    |           |
|   |  |   |                   |    |    |  |  |    |                   |  | <b>∑</b> ∑                              | S 2 -   | 3 PLACES ±                                      | ±.005 CHECKED | BY DATE             |                    | 22-30 GA WIRE                                    |           |
|   |  |   |                   |    |    |  |  |    |                   |  | <b> 5</b> 84 in                         | <b>3</b>  | 3 PLACES ±<br>2 PLACES ± 0,13<br>1 PLACE ± 0,25 | ±.010 PATEL   | 01/21/              | SAME A             | 22-30 GA WIRE<br>S 2759 EXCEPT                   | MATL      |
|   |  |   |                   |    |    |  |  |    |                   |  | B & E                                   | [일 ]  | 1 PLACE ± 0.25                                  | ± APPROVED    | DBY DATE            | molex MOI          | EX INCORPORA                                     | TED       |
|   |  |   |                   |    |    |  |  |    |                   |  | <u> </u>                                | <u>\$</u>   | ANGULAR   | ±1/2° LEINZ   | NO. U1/Z1/          | DOCUMENT NO.       | EX INCORPORA                                     | SHEET N   |
|   |  |   |                   |    |    |  |  |    |                   |  | <b> </b> ₹≥₹9                           | [동]   | DRAFT WHERE A                                   | PPLICABLE SF  | CHARTS              | SD-6459            |  | 2         |
|   |  |   |                   |    |    |  |  |    |                   |  | <u> </u>                                | 4   | DRAFT WHERE A<br>MUST REI<br>WITHIN DIMEN       | 1AIN SEE T    | HIS DRAWING CO      | NTAINS INFORMATION | N THAT IS PROPRIETAR<br>USED WITHOUT WRITTE!     | Y TO MOLE |
|   |  |   |                   | _  |    |  |  |    |                   |  | C                                       | [A]   | WITHIN DIMEN                                    |               | ORPORATED AN        | ID SHOULD NOT BE   | USED WITHOUT WRITTEN                             | PERMISS   |
| D.P.ME_T<br>004/04/02                                     | 19 18  |   | 17                | 16 | 15 | 14   | 13   | 12 | 11                | 10   | 9                                       | 8   | 7   | 6 5           |                     |                    | 2  | 1         |
|   |  | 1 |                   |    | _  |  | _  | _  |                   |  |   |   |   |               |                     |                    |  |           |