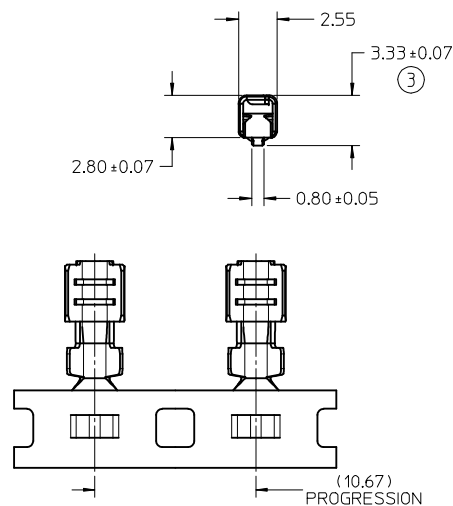


# DIMENSIONS FOR LARGE POLARIZATION RIB TERMINAL ONLY

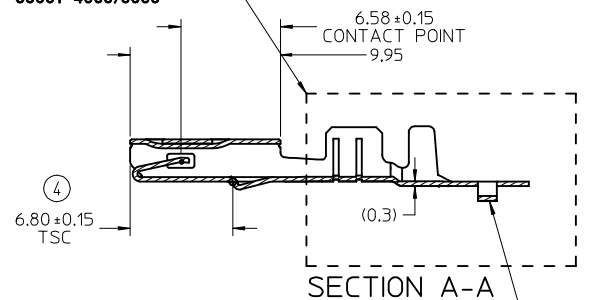
NOTES: (UNLESS OTHERWISE SPECIFIED)

- MATING TERMINAL SHOWN ON SD-33000-001
- MATERIAL: ASTM B422, UNS C19025, HR04  
THICKNESS: 0.30 mm ±0.01  
TEMPER: FULL HARD (REF)  
TENSILE: 496 MIN MPA
- TIN PLATED TERMINAL FINISH:  
OVERALL UNDERPLATE ELECTRODEPOSITED NICKEL  
OVERALL ELECTRODEPOSITED REFLOW TIN
- GOLD PLATED TERMINAL FINISH:  
OVERALL UNDERPLATE ELECTRODEPOSITED DUCTILE SULFAMATE NICKEL  
CONTACT AREA - ELECTRODEPOSITED GOLD  
GRIP AREA - ELECTRODEPOSITED 100% TIN MATTE FINISH
- SILVER PLATED TERMINAL FINISH:  
OVERALL UNDERPLATE ELECTRODEPOSITED DUCTILE SULFAMATE NICKEL  
CONTACT AREA - ELECTRODEPOSITED PURE SILVER (0.5% MAX IMPURITIES) SEMI-BRIGHT FINISH  
- SILVER ANTI-TARNISH : EVABRITE  
GRIP AREA - ELECTRODEPOSITED 100% TIN MATTE FINISH
- MEETS PERFORMANCE SPECIFICATION FOR CABLE TO TERMINAL ELECTRICAL CRIMPS PER SAE/USCAR-21 (8/2001)
- MEETS PERFORMANCE STANDARD FOR AUTOMOTIVE ELECTRICAL CONNECTOR SYSTEMS FOR SAE/USCAR-2, REV. 4 (TEMP CLASS 3) (5/2004)
- MEETS ELECTRICAL CONNECTION SYSTEM DESIGN SPECIFICATION (SDS) REV.11 (5/2002)
- MEETS FIELD CORRELATED LIFE TEST (FCLT) PER SAE/USCAR-20 (6/2004)
- MEETS WIRING COMPONENT DESIGN GUIDELINES SAE/USCAR-12 REV 2 (12/2001)
- TSC ON A DIMENSION TO BE INTERPRETED AS DISTANCE TO A THEORETICAL SHARP CORNER AS IF THE RADIUS WERE NOT PRESENT
- REFERENCE 97BG-14474-AAB FOR LARGE POLARIZATION RIB CAVITY SPECIFICATION
- INSERTION FORCE (TIN) AVG. FROM PV TESTING =  
3.8N LARGE POLARIZATION RIB  
3.5N SMALL POLARIZATION RIB (REFERENCE)
- ALL DIMENSIONS EXCEPT (1), (2), (3) & (4) ARE COMMON TO BOTH SMALL AND LARGE POLARIZATION RIB TERMINALS
- REFERENCE PK-31300-516 FOR REEL DIRECTION
- REFERENCE AS-33012-002 FOR CRIMP INFORMATION



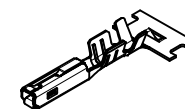
STAMP PLATING TYPE  
Sn-TIN, Au-GOLD OR  
Ag-SILVER IN THIS  
AREA

SEE SHEET 5  
0.35mm<sup>2</sup> AND 0.50mm<sup>2</sup>  
ISO WIRE SIZE P/N'S  
33012-2004/3004  
33001-4005/5005

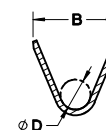


## SECTION A-A

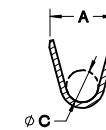
CARRIER BUMP DIRECTION  
POINTS DOWN FOR TIN PLATED TERMINALS  
POINTS UP FOR PRECIOUS PLATED TERMINALS



SCALE 2:1



## SECTION B-B SCALE 5:1



## SECTION C-C SCALE 5:1

ENTER DESCRIPTION  
EC NO: UAU2014-0473  
DRAWN BY JENNINGS01 2013/09/18  
CHKD:  
APPR: BMOSER 2014/01/03  
REV

QUALITY SYMBOLS  
▽=0  
▽=0  
▽=0

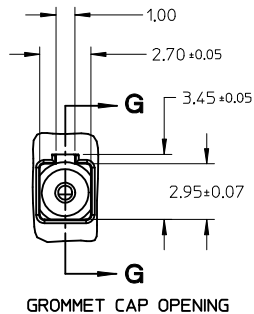
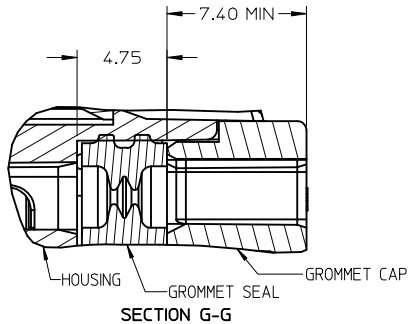
GENERAL TOLERANCES (UNLESS SPECIFIED)  
mm INCH  
4 PLACES ± --- ± ---  
3 PLACES ± 0.005 ± ---  
2 PLACES ± 0.10 ± ---  
1 PLACE ± 0.3 ± ---  
ANGULAR ± 3 °  
DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DIMENSION STYLE  
MM ONLY  
DRAWN BY DATE  
L. PULLIAM 2005/06/21  
CHECKED BY DATE  
A. DHIR 2005/06/21  
APPROVED BY DATE  
B. MOSER 2005/06/22  
MATERIAL NO.  
SEE TABLE  
SIZE

SCALE  
4:1  
DESIGN UNITS  
METRIC  
THIRD ANGLE PROJECTION  
MX150  
RECEPTACLE TERMINAL  
MOLEX INCORPORATED  
SD-33012-002  
SHEET NO.  
1 OF 5  
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| FAMILY                                                             | GENDER     | SEALING  | PLATING    | PART NUMBER | PAYOFF DIRECTION | GRIP CODE    | WIRE SIZES*  | A<br>±0.30 | B<br>±0.30 | C<br>±0.30   | D<br>±0.30 | SPECIAL CHARACTERISTICS |  |
|--------------------------------------------------------------------|------------|----------|------------|-------------|------------------|--------------|--------------|------------|------------|--------------|------------|-------------------------|--|
| MX150                                                              | RECEPTACLE | MAT SEAL | Sn         | 33012-2001  | RIGHT (B)        | 14           | 16/14AWG     | 3.9        | 4.4        | 1.7          | 1.6        | HIGH PERFORMANCE Sn     |  |
|                                                                    |            |          |            | 33012-3001  | LEFT (D)         |              | 150-2.00mm²  |            |            |              |            |                         |  |
|                                                                    |            |          |            | 33012-2002  | RIGHT (B)        | 18           | 20/18AWG     | 3.3        | 3.1        | 1.3          | 1.4        |                         |  |
|                                                                    |            |          |            | 33012-3002  | LEFT (D)         |              | 0.75-1.00mm² |            |            |              |            |                         |  |
|                                                                    |            |          |            | 33012-2003  | RIGHT (B)        | 22           | 22AWG        | 2.5        | 2.6        | 0.9          | 1.0        |                         |  |
|                                                                    |            |          |            | 33012-3003  | LEFT (D)         |              |              |            |            |              |            |                         |  |
|                                                                    |            |          | 33012-2004 | RIGHT (B)   | M3               | 0.35-0.50mm² | 2.5          | 2.7        | 0.9        | 1.54<br>±0.1 |            |                         |  |
|                                                                    |            |          | 33012-3004 | LEFT (D)    |                  |              |              |            |            |              |            |                         |  |
|                                                                    |            |          | Au         | 33001-2003  | RIGHT (B)        | 14           | 16/14AWG     | 3.9        | 4.4        | 1.7          | 1.6        | HIGH PERFORMANCE Au     |  |
|                                                                    |            |          |            | 33001-3003  | LEFT (D)         |              | 150-2.00mm²  |            |            |              |            |                         |  |
|                                                                    |            |          |            | 33001-2004  | RIGHT (B)        | 18           | 20/18AWG     | 3.3        | 3.1        | 1.3          | 1.4        |                         |  |
|                                                                    |            |          |            | 33001-3004  | LEFT (D)         |              | 0.75-1.00mm² |            |            |              |            |                         |  |
|                                                                    |            |          |            | 33001-2005  | RIGHT (B)        | 22           | 22AWG        | 2.5        | 2.6        | 0.9          | 1.0        |                         |  |
|                                                                    |            |          |            | 33001-3005  | LEFT (D)         |              |              |            |            |              |            |                         |  |
|                                                                    |            |          | 33001-2006 | RIGHT (B)   | M3               | 0.35-0.50mm² | 2.5          | 2.7        | 0.9        | 1.54<br>±0.1 |            |                         |  |
|                                                                    |            |          | 33001-3006 | LEFT (D)    |                  |              |              |            |            |              |            |                         |  |
|                                                                    |            |          | Ag         | 33001-4001  | RIGHT (B)        | 14           | 16/14AWG     | 3.9        | 4.4        | 1.7          | 1.6        | HIGH PERFORMANCE Ag     |  |
|                                                                    |            |          |            | 33001-5001  | LEFT (D)         |              | 150-2.00mm²  |            |            |              |            |                         |  |
|                                                                    |            |          |            | 33001-4002  | RIGHT (B)        | 18           | 20/18AWG     | 3.3        | 3.1        | 1.3          | 1.4        |                         |  |
|                                                                    |            |          |            | 33001-5002  | LEFT (D)         |              | 0.75-1.00mm² |            |            |              |            |                         |  |
|                                                                    |            |          |            | 33001-4003  | RIGHT (B)        | 22           | 22AWG        | 2.5        | 2.6        | 0.9          | 1.0        |                         |  |
|                                                                    |            |          |            | 33001-5003  | LEFT (D)         |              |              |            |            |              |            |                         |  |
|                                                                    |            |          | 33001-4005 | RIGHT (B)   | M3               | 0.35-0.50mm² | 2.5          | 2.7        | 0.9        | 1.54<br>±0.1 |            |                         |  |
|                                                                    |            |          | 33001-5005 | LEFT (D)    |                  |              |              |            |            |              |            |                         |  |
| LARGE POLARIZATION RIB - NOT TO BE USED IN MX150 SEALED CONNECTORS |            |          |            |             |                  |              |              |            |            |              |            |                         |  |
| MX150                                                              | RECEPTACLE | UNSEALED | Sn         | 33012-2021  | RIGHT (B)        | 14           | 16/14AWG     | 3.9        | 4.4        | 1.7          | 1.6        | HIGH PERFORMANCE Sn     |  |
|                                                                    |            |          |            | 33012-3021  | LEFT (D)         |              | 150-2.00mm²  |            |            |              |            |                         |  |
|                                                                    |            |          |            | 33012-2022  | RIGHT (B)        | 18           | 20/18AWG     | 3.3        | 3.1        | 1.3          | 1.4        |                         |  |
|                                                                    |            |          |            | 33012-3022  | LEFT (D)         |              | 0.75-1.00mm² |            |            |              |            |                         |  |
|                                                                    |            |          |            | 33012-2023  | RIGHT (B)        | 22           | 22AWG        | 2.5        | 2.6        | 0.9          | 1.0        |                         |  |
|                                                                    |            |          |            | 33012-3023  | LEFT (D)         |              | 0.35-0.50mm² |            |            |              |            |                         |  |
|                                                                    |            |          | Au         | 33001-2021  | RIGHT (B)        | 14           | 16/14AWG     | 3.9        | 4.4        | 1.7          | 1.6        | HIGH PERFORMANCE Au     |  |
|                                                                    |            |          |            | 33001-3021  | LEFT (D)         |              | 150-2.00mm²  |            |            |              |            |                         |  |
|                                                                    |            |          |            | 33001-2022  | RIGHT (B)        | 18           | 20/18AWG     | 3.3        | 3.1        | 1.3          | 1.4        |                         |  |
|                                                                    |            |          |            | 33001-3022  | LEFT (D)         |              | 0.75-1.00mm² |            |            |              |            |                         |  |
|                                                                    |            |          |            | 33001-2023  | RIGHT (B)        | 22           | 22AWG        | 2.5        | 2.6        | 0.9          | 1.0        |                         |  |
|                                                                    |            |          |            | 33001-3023  | LEFT (D)         |              | 0.35-0.50mm² |            |            |              |            |                         |  |
|                                                                    |            |          | Ag         | 33001-4021  | RIGHT (B)        | 14           | 16/14AWG     | 3.9        | 4.4        | 1.7          | 1.6        | HIGH PERFORMANCE Ag     |  |
|                                                                    |            |          |            | 33001-5021  | LEFT (D)         |              | 150-2.00mm²  |            |            |              |            |                         |  |
|                                                                    |            |          |            | 33001-4022  | RIGHT (B)        | 18           | 20/18AWG     | 3.3        | 3.1        | 1.3          | 1.4        |                         |  |
|                                                                    |            |          |            | 33001-5022  | LEFT (D)         |              | 0.75-1.00mm² |            |            |              |            |                         |  |
|                                                                    |            |          |            | 33001-4023  | RIGHT (B)        | 22           | 22AWG        | 2.5        | 2.6        | 0.9          | 1.0        |                         |  |
|                                                                    |            |          |            | 33001-5023  | LEFT (D)         |              | 0.35-0.50mm² |            |            |              |            |                         |  |

\* REFERENCE AS-33012-002 FOR SPECIFIC WIRE TYPES



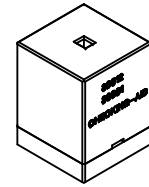
**GROMMET SEAL / CAP CONFIGURATION TO MODIFY LARGE POLARIZATION RIB CAVITY TO ACCEPT SMALL POLARIZATION RIB APPLICATIONS**

|                                                                                                                         |             |                                                                 |                                                            |         |                                                                                                                               |                                         |        |                                    |                                                                                                              |  |
|-------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------|------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------|------------------------------------|--------------------------------------------------------------------------------------------------------------|--|
| ENTER DESCRIPTION<br>EC NO: UAU2014-0473<br>DRAWN BY: JENNINGS01 2013/09/18<br>CHKD:<br>APPR: BMOSER 2014/01/03<br>REV: | DESCRIPTION | QUALITY SYMBOLS<br><div>▽=0</div> <div>▽=0</div> <div>▽=0</div> | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |         | DIMENSION STYLE<br>MM ONLY                                                                                                    |                                         | SCALE  | DESIGN UNITS<br>METRIC             |  THIRD ANGLE PROJECTION |  |
|                                                                                                                         |             |                                                                 |                                                            | mm      | INCH                                                                                                                          | DRAWN BY DATE<br>L. PULLIAM 2005/06/21  |        | TITLE<br>MX150 RECEPTACLE TERMINAL |                                                                                                              |  |
|                                                                                                                         |             |                                                                 | 4 PLACES                                                   | ± ---   | ± ---                                                                                                                         | CHECKED BY DATE<br>A. DHIR 2005/06/21   |        | MOLEX MOLEX INCORPORATED           |                                                                                                              |  |
|                                                                                                                         |             |                                                                 | 3 PLACES                                                   | ± 0.005 | ± ---                                                                                                                         | APPROVED BY DATE<br>B. MOSER 2005/06/22 |        |                                    |                                                                                                              |  |
|                                                                                                                         |             |                                                                 | 2 PLACES                                                   | ± 0.10  | ± ---                                                                                                                         | MATERIAL NO.                            |        | DOCUMENT NO.                       | SHEET NO.                                                                                                    |  |
| 1 PLACE                                                                                                                 | ± 0.3       | ± ---                                                           | SEE TABLE                                                  |         | SD-33012-002                                                                                                                  |                                         | 2 OF 5 |                                    |                                                                                                              |  |
|                                                                                                                         |             |                                                                 | ANGULAR ± 3 °                                              |         |                                                                                                                               |                                         |        |                                    |                                                                                                              |  |
|                                                                                                                         |             |                                                                 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |         | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                         |        |                                    |                                                                                                              |  |

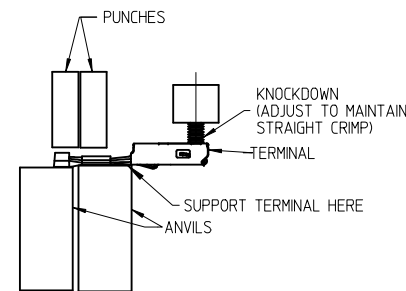
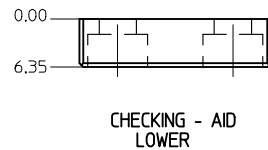
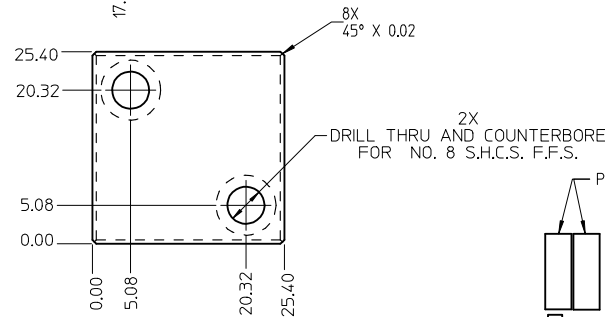
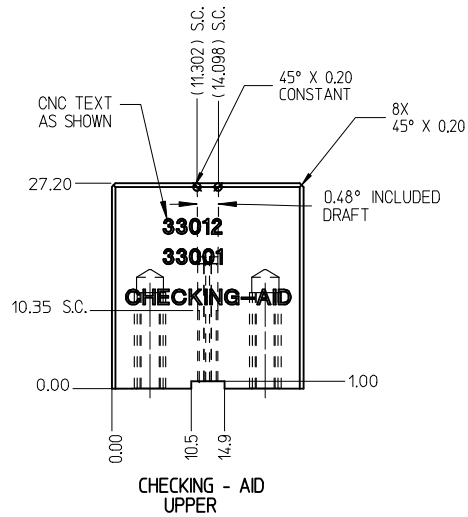
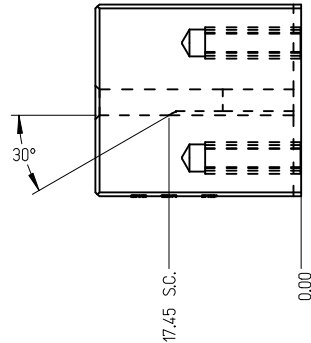
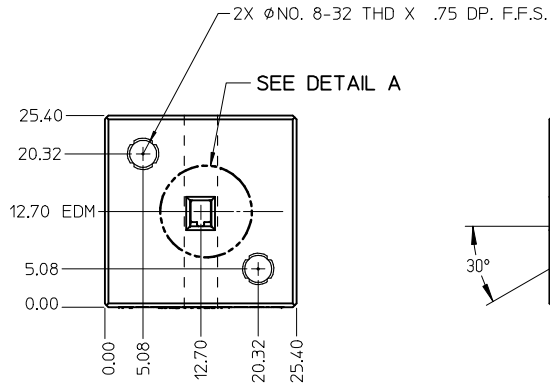
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

THIS CHECKING - AID IS FOR SMALL POLARIZATION RIB TERMINALS ONLY

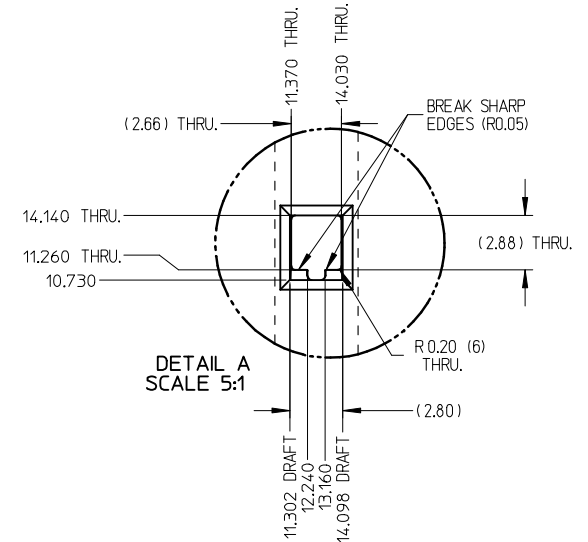


CHECKING - AID ASSEMBLY  
SCALE 1:1



CRIMP REQUIREMENTS:

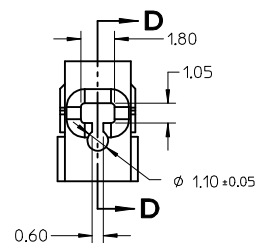
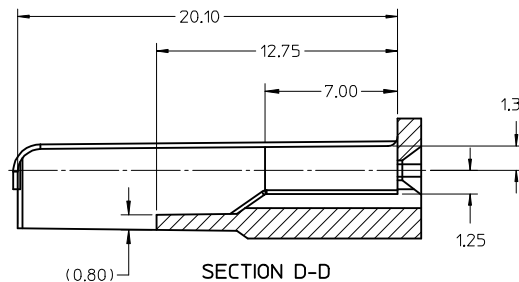
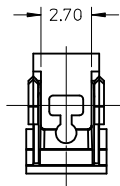
1. CRIMP STRAIGHTNESS MUST BE MAINTAINED  
USE A KNOCKDOWN TOOL LOCATED AS SHOWN  
TERMINAL BOX MUST NOT BE DEFORMED
2. AFTER CRIMPING, THE CRIMPED TERMINAL (AND UP TO 5 mm  
OF WIRE PAST THE INSULATOR CUTOFF TAB) MUST FIT FREELY  
INTO THE CHECKING-AID SHOWN ON THIS PAGE
3. FOR OTHER MECHANICAL REQUIREMENTS ON CRIMPED  
TERMINALS, REFER TO SAE/USCAR-21 (5-13-02)  
SECTIONS 4.2 (VISUAL INSPECTION), 4.2 (CROSS SECTION  
ANALYSIS) AND 4.4 (CONDUCTOR CRIMP PULLOUT FORCE)



DETAIL A  
SCALE 5:1

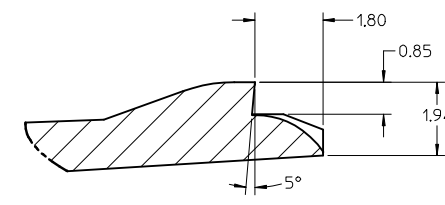
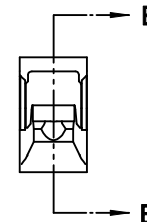
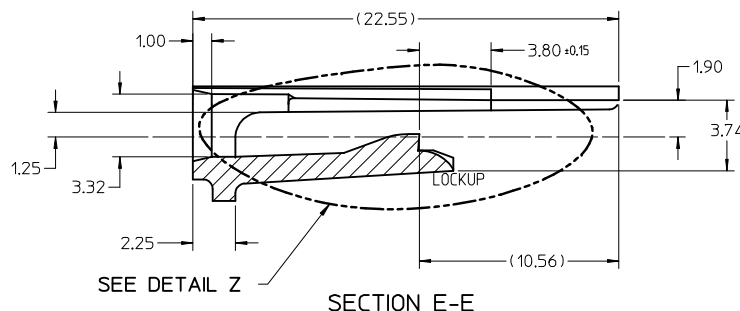
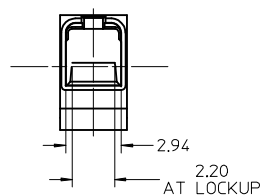
UPPER & LOWER  
CHECKING-AID  
A2 TOOL STEEL  
HARDEN & GRIND  
ROCKWELL "C" 56-58

|                                                                                                                   |                                                                                                                               |                                                                 |                                                                                                                 |        |                                                            |  |                                       |                        |                        |                     |  |              |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------|------------------------------------------------------------|--|---------------------------------------|------------------------|------------------------|---------------------|--|--------------|--|--|--|--|
| ENTER DESCRIPTION<br>EC NO: UAU2014-0473<br>DRWN: B. JENNINGS 01 2013/09/18<br>CHKD:<br>APPR: B. MOSER 2014/01/03 | DESCRIPTION                                                                                                                   | QUALITY SYMBOLS<br><div>▽=0</div> <div>▽=0</div> <div>▽=0</div> | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                           |        | DIMENSION STYLE<br>MM ONLY                                 |  | SCALE<br>2:1                          | DESIGN UNITS<br>METRIC | THIRD ANGLE PROJECTION |                     |  |              |  |  |  |  |
|                                                                                                                   |                                                                                                                               |                                                                 | 4 PLACES ± --- ± ---<br>3 PLACES ± 0.005 ± ---<br>2 PLACES ± 0.10 ± ---<br>1 PLACE ± 0.3 ± ---<br>ANGULAR ± 3 ° | mmINCH | DRAWN BY DATE<br>L. PULLIAM 2005/06/21                     |  | TITLE<br>MX150<br>RECEPTACLE TERMINAL |                        |                        |                     |  |              |  |  |  |  |
|                                                                                                                   |                                                                                                                               |                                                                 |                                                                                                                 |        | CHECKED BY DATE<br>A. DHIR 2005/06/21                      |  |                                       |                        |                        |                     |  |              |  |  |  |  |
|                                                                                                                   |                                                                                                                               |                                                                 |                                                                                                                 |        | APPROVED BY DATE<br>B. MOSER 2005/06/22                    |  | molexMOLEX INCORPORATED               |                        |                        |                     |  |              |  |  |  |  |
|                                                                                                                   |                                                                                                                               |                                                                 |                                                                                                                 |        | MATERIAL NO.                                               |  |                                       |                        |                        |                     |  | DOCUMENT NO. |  |  |  |  |
|                                                                                                                   |                                                                                                                               |                                                                 |                                                                                                                 |        | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |  |                                       |                        |                        |                     |  | SEE TABLE    |  |  |  |  |
| SIZE                                                                                                              | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                 |                                                                                                                 |        |                                                            |  |                                       |                        |                        |                     |  |              |  |  |  |  |
| REV                                                                                                               |                                                                                                                               |                                                                 |                                                                                                                 |        | SD-33012-002                                               |  |                                       |                        |                        | SHEET NO.<br>3 OF 5 |  |              |  |  |  |  |

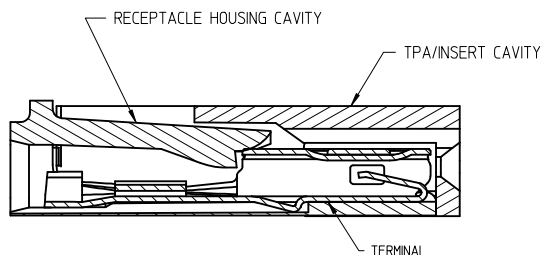


NOTES: UNLESS OTHERWISE SPECIFIED

1. TOLERANCES: LINEAR  $\pm 0.10$   
ANGULAR  $\pm 3^\circ$
2. ALL DRAFT WITHIN TOLERANCE.
3. MAX RADII ON ALL CORNERS SHOWN SHARP: 0.10
4. MAX FLASH PERMISSIBLE: 0.1
5. EJECTOR PIN MARKS PERMISSIBLE IF FLUSH TO 0.25 BELOW SURFACE.
6. MATERIAL: HOUSING/FINGER SPECIFICATION ENGINEERED FOR MATERIAL WITH THE FOLLOWING PROPERTIES:  
A. FLEXURAL MODULUS = 4,500 TO 9,400 MPa  
PER ASTM TEST D790  
B. ELONGATION AT YIELD = 2.3% OR BETTER  
PER ASTM TEST D638 TYPE V
7. CAVITY SPEC FOR USE ONLY WITH MOLEX RECEPTACLE  
TERMINAL PART NUMBERS SPECIFIED ELSEWHERE ON THIS  
DRAWING

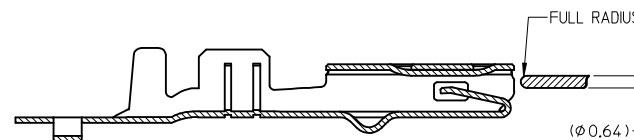
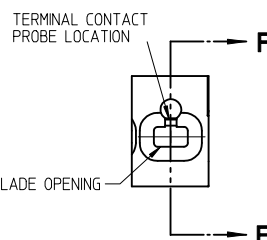


DETAIL Z  
SCALE 20:1

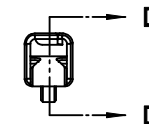


SECTION F-F

RECEPTACLE CAVITY ASSEMBLED VIEWS  
FOR SMALL POLARIZATION RIB APPLICATIONS  
FIG. 1



SECTION D-D  
FOR LARGE POLARIZATION RIB APPLICATIONS  
FIG. 2



PROBING DOWN THE  
THROAT MUST USE  
THIS TERMINAL PROBE

FOR PROBING INFORMATION REFERENCE  
MOLEX MX150 APPLICATION SPEC AS-33472-100

PREFERRED PROBING LOCATION  
IS NOT ON SPRING MEMBER

IF ELECTRICAL CONTINUITY PROBE  
TOUCHES SPRING MEMBER USE  
PROBING AS SHOWN IN FIG. 2

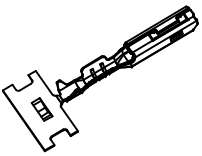
ENTER DESCRIPTION  
EC NO: UAU2014-0473  
DRAWN BY: JENNINGS01 2013/09/18  
CHKD: APPR: BMOSER 2014/01/03

QUALITY  
SYMBOLS  
▽=0  
▽=0  
▽=0

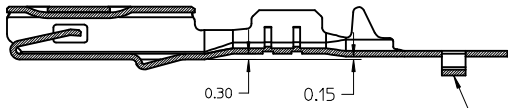
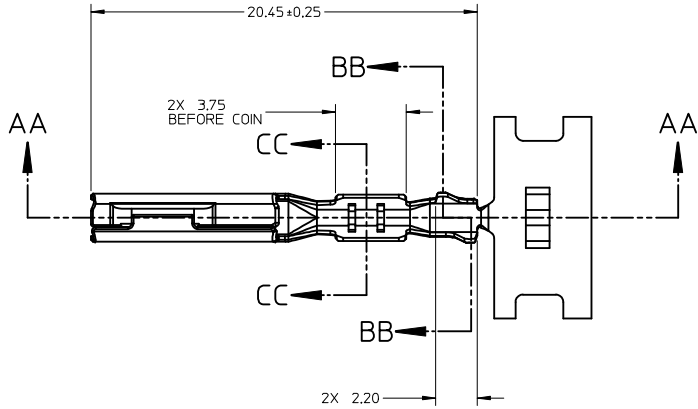
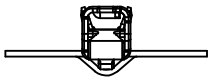
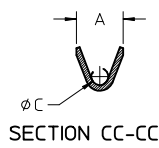
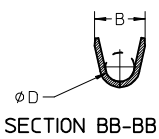
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |         |       |
|------------------------------------------------------------|---------|-------|
|                                                            | mm      | INCH  |
| 4 PLACES                                                   | ± ---   | ± --- |
| 3 PLACES                                                   | ± 0.005 | ± --- |
| 2 PLACES                                                   | ± 0.10  | ± --- |
| 1 PLACE                                                    | ± 0.3   | ± --- |
| ANGULAR $\pm 3^\circ$                                      |         |       |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |         |       |

| DIMENSION STYLE<br>MM ONLY |            |
|----------------------------|------------|
| DRAWN BY                   | DATE       |
| L. PULLIAM                 | 2005/06/21 |
| CHECKED BY                 | DATE       |
| A. DHIR                    | 2005/06/21 |
| APPROVED BY                | DATE       |
| B. MOSER                   | 2005/06/22 |
| MATERIAL NO.               |            |
| SEE TABLE                  |            |
| SIZE                       | C          |

|                                                                                                                                  |                        |                           |
|----------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------|
| SCALE<br>5:1                                                                                                                     | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |
| MX150<br>RECEPTACLE TERMINAL                                                                                                     |                        |                           |
| MOLEX INCORPORATED                                                                                                               |                        |                           |
| DOCUMENT NO.<br>SD-33012-002                                                                                                     |                        | SHEET NO.<br>4 OF 5       |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |                           |



ISO VIEW  
SCALE 2:1



SECTION AA-AA

P/N'S 33012-2004/3004  
33001-4005/5005

CARRIER BUMP DIRECTION  
POINTS DOWN FOR TIN PLATED TERMINAL  
POINTS UP FOR PRECIOUS METAL PLATED TERMINAL

|                                                                                                             |             |                                          |                                                            |        |                                                                                                                                            |                                         |              |                                       |                                                                                                                 |  |
|-------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------|------------------------------------------------------------|--------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------|--|
| ENTER DESCRIPTION<br>EC NO: UAU2014-0473<br>DRWN:8 JENNINGS01 2013/09/18<br>CHKD:<br>APPR:BMOSER 2014/01/03 | DESCRIPTION | QUALITY SYMBOLS<br><br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |        | DIMENSION STYLE<br>MM ONLY                                                                                                                 |                                         | SCALE<br>5:1 | DESIGN UNITS<br>METRIC                |  THIRD ANGLE<br>PROJECTION |  |
|                                                                                                             |             |                                          |                                                            | mm     | INCH                                                                                                                                       | DRAWN BY DATE<br>L. PULLIAM 2005/06/21  |              | TITLE<br>MX150<br>RECEPTACLE TERMINAL |                                                                                                                 |  |
|                                                                                                             |             |                                          | 4 PLACES                                                   | ± ---  | ± ---                                                                                                                                      | CHECKED BY DATE<br>A. DHIR 2005/06/21   |              |                                       |                                                                                                                 |  |
|                                                                                                             |             |                                          | 3 PLACES                                                   | ±0.005 | ± ---                                                                                                                                      | APPROVED BY DATE<br>B. MOSER 2005/06/22 |              | molex MOLEX INCORPORATED              |                                                                                                                 |  |
|                                                                                                             |             |                                          | 2 PLACES                                                   | ±0.10  | ± ---                                                                                                                                      |                                         |              |                                       |                                                                                                                 |  |
|                                                                                                             |             |                                          | 1 PLACE                                                    | ±0.3   | ± ---                                                                                                                                      | DOCUMENT NO.<br>SD-33012-002            |              |                                       |                                                                                                                 |  |
|                                                                                                             |             |                                          | ANGULAR ± 3 °                                              |        |                                                                                                                                            |                                         |              |                                       | SHEET NO.<br>5 OF 5                                                                                             |  |
|                                                                                                             |             |                                          | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        | SIZE<br>C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                         |              |                                       |                                                                                                                 |  |