

- NOTES: (UNLESS OTHERWISE SPECIFIED)
- MATING TERMINAL SHOWN ON SD-34083-002
 - MATERIAL: ASTM B422, UNS C19025, HR04
THICKNESS: 0.30 mm ± 0.01
TEMPER: FULL, HARD (REF)
TENSILE: 496 MN 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
GRP 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) SEM-BRIGHT FINISH
- SILVER ANTI-ARNISH + EVARITE
GRP AREA - ELECTRODEPOSITED 100% TIN MATTE FINISH
 - MEETS PERFORMANCE SPECIFICATION FOR CABLE TO TERMINAL ELECTRICAL CRIMPS PER SAE/JSCAR-21 (2/2004)
 - MEETS PERFORMANCE STANDARD FOR AUTOMOTIVE ELECTRICAL CONNECTOR SYSTEMS FOR SAE/JSCAR-2, REV. 4 (TEMP CLASS 3) (5/2004)
 - MEETS ELECTRICAL CONNECTION SYSTEM DESIGN SPECIFICATION (SDS) REV.15 (9/2007)
 - MEETS FIELD CORRELATED LIFE TEST (FCLT) PER SAE/JSCAR-20 (6/2004)
 - REFERENCE FORD CAVITY SPECIFICATION 978G-14421-ADA
 - REFERENCE AS-34080-001 FOR CRIMP INFORMATION
 - REFERENCE PK-31300-516 FOR REEL DIRECTION
 - REFERENCE PS-34083-002 FOR PRODUCT SPECIFICATION

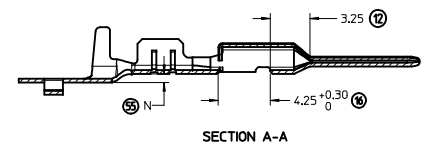
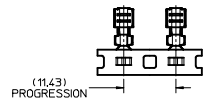
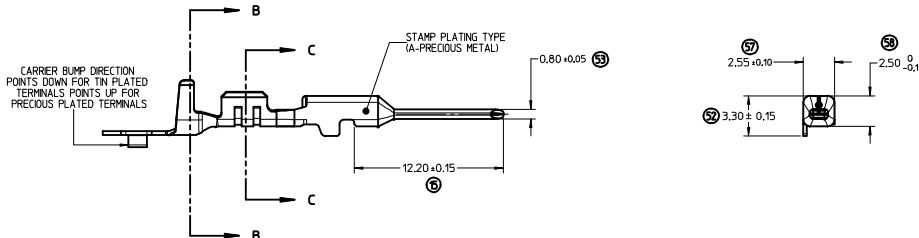
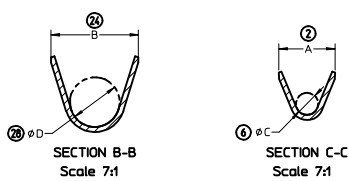


TABLE 1 - TERMINAL PART NUMBER AND DIMENSION REFERENCE

| FAMILY | GENDER | SEALING | PLATING | PART NUMBER | PAYOFF DIRECTION | GRIP CODE | WIRE SIZES* | A ±0.3 | B ±0.20 | C ±0.3 | D ±0.15 | N ±0.10 | SPECIAL CHARACTERISTICS |
|--------|------------|-----------|---------|-------------|------------------|-----------|-------------|--------|---------|---------------------|---------|---------|-------------------------|
| MX150 | BLADE | WIRE SEAL | Sn | 34080-0003 | RIGHT (B) | 22 | 22AWG | 2.5 | 4.85 | 0.9 | 2.90 | 0.55 | HIGH PERFORMANCE Sn |
| | | | | 34080-1003 | LEFT (D) | 18 | 20/18AWG | 3.3 | 5.00 | 1.3 | 2.90 | 0.70 | |
| | | | | 34080-0002 | RIGHT (B) | 14 | 16/14AWG | 3.6 | 5.00 | 1.7 | 2.90 | 0.90 | |
| | | | | 34080-1002 | LEFT (D) | 22 | 22AWG | 2.5 | 4.85 | 0.9 | 2.90 | 0.55 | |
| | | | | 34080-0001 | RIGHT (B) | 18 | 20/18AWG | 3.3 | 5.00 | 1.3 | 2.90 | 0.70 | |
| | | | | 34080-1001 | LEFT (D) | 14 | 16/14AWG | 3.6 | 5.00 | 1.7 | 2.90 | 0.90 | |
| | | | Au | 34080-0106 | RIGHT (B) | 22 | 22AWG | 2.5 | 4.85 | 0.9 | 2.90 | 0.55 | HIGH PERFORMANCE Au |
| | | | | 34080-1106 | LEFT (D) | 18 | 20/18AWG | 3.3 | 5.00 | 1.3 | 2.90 | 0.70 | |
| | | | | 34080-0104 | RIGHT (B) | 14 | 16/14AWG | 3.6 | 5.00 | 1.7 | 2.90 | 0.90 | |
| | | | | 34080-1104 | LEFT (D) | 22 | 22AWG | 2.5 | 4.85 | 0.9 | 2.90 | 0.55 | |
| | | | | 34080-0102 | RIGHT (B) | 18 | 20/18AWG | 3.3 | 5.00 | 1.3 | 2.90 | 0.70 | |
| | | | | 34080-1102 | LEFT (D) | 14 | 16/14AWG | 3.6 | 5.00 | 1.7 | 2.90 | 0.90 | |
| Ag | 34080-0206 | RIGHT (B) | 22 | 22AWG | 2.5 | 4.85 | 0.9 | 2.90 | 0.55 | HIGH PERFORMANCE Ag | | | |
| | 34080-1206 | LEFT (D) | 18 | 20/18AWG | 3.3 | 5.00 | 1.3 | 2.90 | 0.70 | | | | |
| | 34080-0204 | RIGHT (B) | 14 | 16/14AWG | 3.6 | 5.00 | 1.7 | 2.90 | 0.90 | | | | |
| | 34080-1204 | LEFT (D) | 22 | 22AWG | 2.5 | 4.85 | 0.9 | 2.90 | 0.55 | | | | |

*SEE AS-34080-001 FOR SPECIFIC WIRE TYPES

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|---|--------------------------------------|---|--|---|--|---|-------------------------------|------------------------|
| MINOR CORRECTIONS IEC NO: UAU2014-1374 DRAWN BY: JENI NGSONI 2014/03/08 CHYKADHIR 2014/06/11 APPROVED BY: BMOSE 2014/06/17 | QUALITY SYMBOLS ∇=0 ∇=0 ∇=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE 5:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
| | | 4 PLACES ± mm INCH 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.3 ± --- 0 PLACE ± ± | | DATE 2008/06/09 DATE 2008/06/09 DATE 2008/09/06 | | TITLE MX 150 BLADE CABLE SEAL | | |
| | | ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | MATERIAL NO. SEE TABLE | | DOCUMENT NO. SD-34080-001 | | |
| | | SIZE D | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | SHEET NO. 1 OF 1 | | |