

- 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

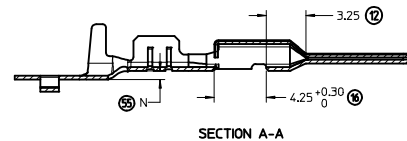
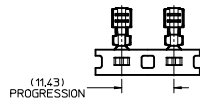
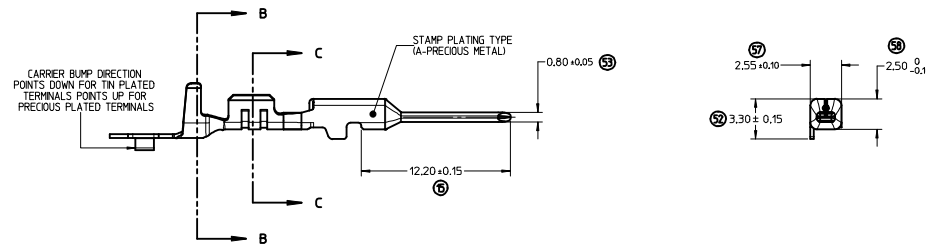
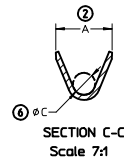
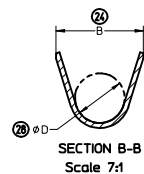


TABLE 1 - TERMINAL PART NUMBER AND DIMENSION REFERENCE

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	0.35-0.50mm <sup>2</sup>	3.3	5.00	1.3	2.90	0.70	
				34080-0002	RIGHT (B)	18	20/18AWG	3.3	5.00	1.3	2.90	0.70	
				34080-1002	LEFT (D)	14	0.75-1.00mm <sup>2</sup>	3.6	5.00	1.7	2.90	0.90	
				34080-0001	RIGHT (B)	14	16/14AWG	3.6	5.00	1.7	2.90	0.90	
				34080-1001	LEFT (D)	22	1.50-2.00mm <sup>2</sup>	2.5	4.85	0.9	2.90	0.55	
			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	0.35-0.50mm <sup>2</sup>	3.3	5.00	1.3	2.90	0.70	
				34080-0104	RIGHT (B)	18	20/18AWG	3.3	5.00	1.3	2.90	0.70	
				34080-1104	LEFT (D)	14	0.75-1.00mm <sup>2</sup>	3.6	5.00	1.7	2.90	0.90	
				34080-0102	RIGHT (B)	14	16/14AWG	3.6	5.00	1.7	2.90	0.90	
				34080-1102	LEFT (D)	22	1.50-2.00mm <sup>2</sup>	2.5	4.85	0.9	2.90	0.55	
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	0.35-0.50mm <sup>2</sup>	3.3	5.00	1.3	2.90	0.70				
	34080-0204	RIGHT (B)	18	20/18AWG	3.3	5.00	1.3	2.90	0.70				
	34080-1204	LEFT (D)	14	0.75-0.50mm <sup>2</sup>	3.6	5.00	1.7	2.90	0.90				
				34080-0202	RIGHT (B)	14	16/14AWG	3.6	5.00	1.7	2.90	0.90	
				34080-1202	LEFT (D)		1.50-2.00mm <sup>2</sup>						

\*SEE AS-34080-001 FOR SPECIFIC WIRE TYPES

<b>MINOR CORRECTIONS</b> IEC NO: UAU2014-1374 DRAWN BY: JENI NGSONI 2014/03/08 CHKD: AHIR 2014/06/11 APPR: BOSER 2014/06/17	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>		SCALE <b>5:1</b>	DESIGN UNITS <b>METRIC</b>	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 <b>MX 150 BLADE CABLE SEAL</b>		
		ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. <b>SEE TABLE</b>		DOCUMENT NO. <b>SD-34080-001</b>		
		SIZE <b>D</b>		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. <b>1 OF 1</b>		