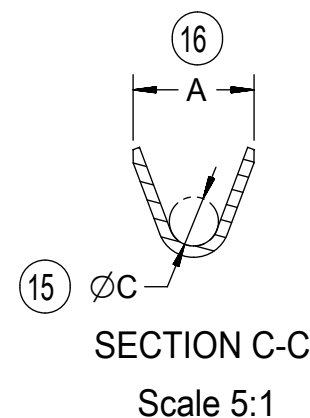
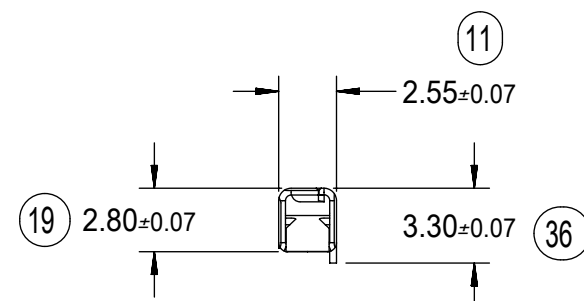
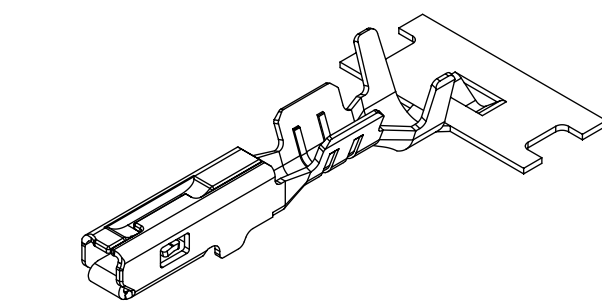
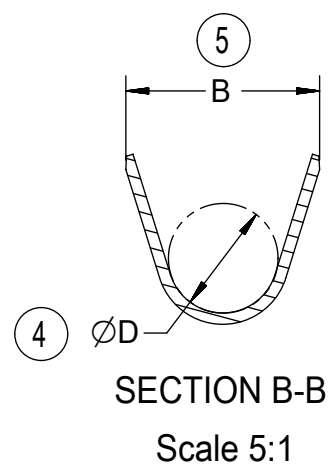
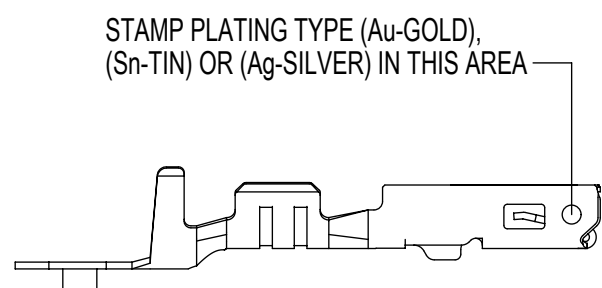
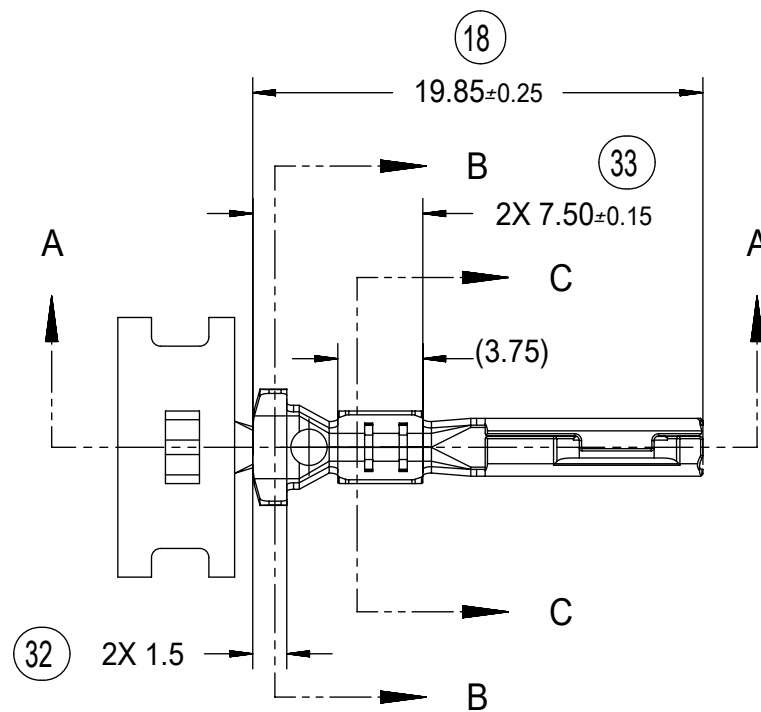
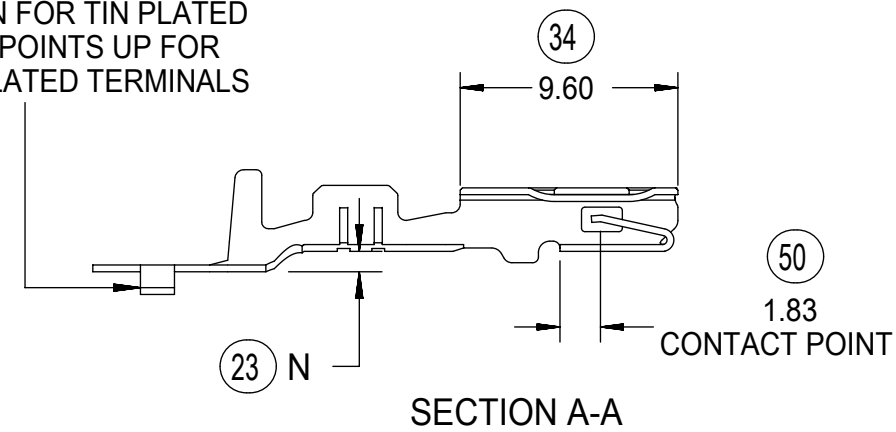
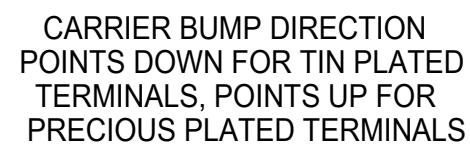


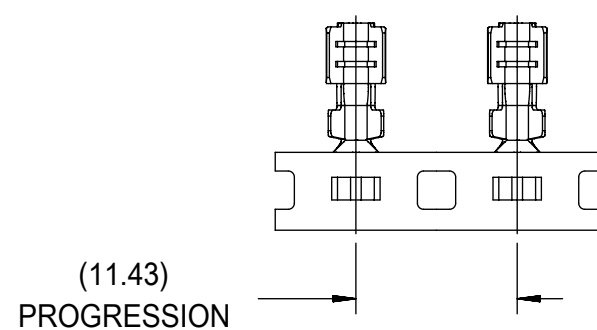


FAMILY	GENDER	SEALING	PLATING	PART NUMBER	PAYOFF DIRECTION	GRIP CODE	WIRE SIZES*	A ±0.3	B ±0.20	C ±0.3	D ±0.15	N ±0.10	SPECIAL CHARACTERISTICS	
MX150	RECEPTACLE	WIRE SEAL	Sn	34083-2003	RIGHT (B)	22	22AWG	2.5	4.85	0.9	2.90	0.55	HIGH PERFORMANCE Sn	
				34083-3003	LEFT (D)		0.35-0.50mm²							
				34083-2002	RIGHT (B)	18	20/18AWG	3.3	5.00	1.3	2.90	0.70		
				34083-3002	LEFT (D)		0.75-1.00mm²							
				34083-2001	RIGHT (B)	14	16/14AWG	3.6	5.00	1.7	2.90	0.90		
				34083-3001	LEFT (D)		1.50-2.00mm²							
			Au	34081-2005	RIGHT (B)	22	22AWG	2.5	4.85	0.9	2.90	0.55	HIGH PERFORMANCE Au	
				34081-3005	LEFT (D)		0.35-0.50mm²							
				34081-2004	RIGHT (B)	18	20/18AWG	3.3	5.00	1.3	2.90	0.70		
				34081-3004	LEFT (D)		0.75-1.00mm²							
				34081-2003	RIGHT (B)	14	16/14AWG	3.6	5.00	1.7	2.90	0.90		
				34081-3003	LEFT (D)		1.50-2.00mm²							
			Ag	34081-4003	RIGHT (B)	22	22AWG	2.5	4.85	0.9	2.90	0.55	HIGH PERFORMANCE Ag	
				34081-5003	LEFT (D)		0.35-0.50mm²							
				34081-4002	RIGHT (B)	18	20/18AWG	3.3	5.00	1.3	2.90	0.70		
				34081-5002	LEFT (D)		0.75-1.00mm²							
				34081-4001	RIGHT (B)	14	16/14AWG	3.6	5.00	1.7	2.90	0.90		
				34081-5001	LEFT (D)		1.50-2.00mm²							

* SEE AS-34083-002 FOR SPECIFIC WIRE TYPES

NOTES: (UNLESS OTHERWISE SPECIFIED)

- | | |
|---|---|
| 1. MATING TERMINAL SHOWN ON DRAWING SD-34080-001 | PER SAE/USCAR-21 (5/2002) |
| 2. MATERIAL: ASTM B422, UNS C19025, HR04
THICKNESS: 0.30 mm $\pm$ 0.01
TEMPER: FULL HARD (REF)
TENSILE: 496 MIN MPA | 7. MEETS PERFORMANCE STANDARD FOR
AUTOMOTIVE ELECTRICAL CONNECTOR
SYSTEMS FOR SAE/USCAR-2 REV. 4
(TEMP CLASS 3) (5/2004) |
| 3. TIN PLATED TERMINAL FINISH
OVERALL UNDERPLATE ELECTRODEPOSITED NICKEL
OVERALL ELECTRODEPOSITED REFLOW TIN | 8. MEETS ELECTRICAL CONNECTION SYSTEM
DESIGN SPECIFICATION (SDS) REV.11 (5/2002) |
| 4. GOLD PLATED TERMINAL FINISH
OVERALL UNDERPLATE ELECTRODEPOSITED
DUCTILE SULFAMATE NICKEL
CONTACT AREA - ELECTRODEPOSITED GOLD
GRIP AREA - ELECTRODEPOSITED 100%
TIN MATTE FINISH | 9. MEETS FIELD CORRELATED LIFE TEST (FCLT) PER
SAE/USCAR-20 (6/2004) |
| 5. 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 | 10. INSERTION FORCE WITH INLINE BLADE TERMINAL:
AVG. FORCE 3.1 N TIN (REFERENCE)
2.7 N GOLD (REFERENCE)
2.9 N SILVER (REFERENCE) |
| | 11. REFERENCE FORD CAVITY SPECIFICATION
97BG-14474-ADA |
| | 12. REFERENCE AS-34083-002 FOR CRIMP INFORMATION |
| | 13. REFERENCE PK-31300-516 FOR REEL DIRECTION |
| | 14. REFERENCE PS-34083-002 FOR PRODUCT SPECIFICATION |



SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex					
mm		3:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 628017 DRWN: NVENKATESHSH 2019/05/11 CHK'D: TOMSMITH 2019/12/23 APPR: TOMSMITH 2019/12/23				MX 150 RECEPTACLE CABLE SEAL							
ANGULAR TOL ± 3.0 °													
4 PLACES ±		INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
3 PLACES ±													
2 PLACES ± 0.10		DRWN: KFERGUSON 2009/04/14 APPR: BMOSER 2009/04/14				SD-34083-002		PSD	001	B2			
1 PLACE ± 0.3													
0 PLACES ±		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				C-SIZE		34083		SEE TABLE		GENERAL MARKET		1 OF 1	