

SECTION A-A

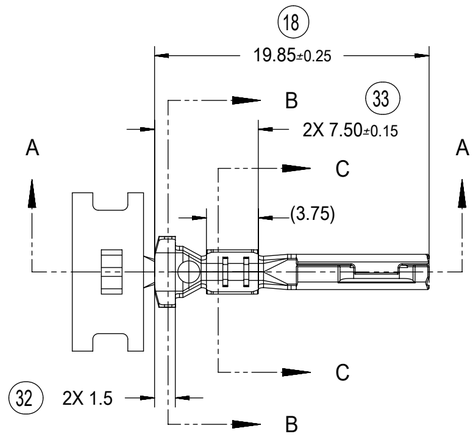
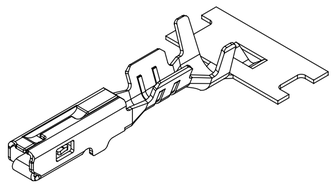
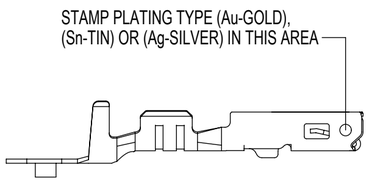
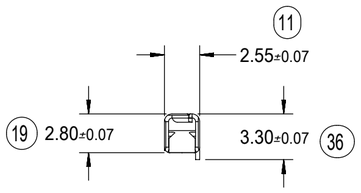


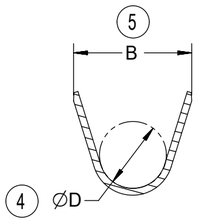
TABLE 1 - TERMINAL PART NUMBER AND DIMENSION REFERENCE													
FAMILY	GENDER	SEALING	PLATING	PART NUMBER	PAYOFF DIRECTION	GRIP CODE	WIRE SIZES*	A ±0.3	B ±0.20	C ±0.3	D ±0.15	N ±0.10	SPECIAL CHARACTERISTICS
MX150	RECEPTACLE	WIRE SEAL	Sn	34083-2003	RIGHT (B)	22	22AWG 0.35-0.50mm²	2.5	4.85	0.9	2.90	0.55	HIGH PERFORMANCE Sn
				34083-3003	LEFT (D)								
				34083-2002	RIGHT (B)	18	20/18AWG 0.75-1.00mm²	3.3	5.00	1.3	2.90	0.70	
				34083-3002	LEFT (D)								
				34083-2001	RIGHT (B)	14	16/14AWG 1.50-2.00mm²	3.6	5.00	1.7	2.90	0.90	
				34083-3001	LEFT (D)								
			Au	34081-2005	RIGHT (B)	22	22AWG 0.35-0.50mm²	2.5	4.85	0.9	2.90	0.55	HIGH PERFORMANCE Au
				34081-3005	LEFT (D)								
				34081-2004	RIGHT (B)	18	20/18AWG 0.75-1.00mm²	3.3	5.00	1.3	2.90	0.70	
				34081-3004	LEFT (D)								
				34081-2003	RIGHT (B)	14	16/14AWG 1.50-2.00mm²	3.6	5.00	1.7	2.90	0.90	
				34081-3003	LEFT (D)								
			Ag	34081-4003	RIGHT (B)	22	22AWG 0.35-0.50mm²	2.5	4.85	0.9	2.90	0.55	HIGH PERFORMANCE Ag
				34081-5003	LEFT (D)								
				34081-4002	RIGHT (B)	18	20/18AWG 0.75-1.00mm²	3.3	5.00	1.3	2.90	0.70	
				34081-5002	LEFT (D)								
				34081-4001	RIGHT (B)	14	16/14AWG 1.50-2.00mm²	3.6	5.00	1.7	2.90	0.90	
				34081-5001	LEFT (D)								

* SEE AS-34083-002 FOR SPECIFIC WIRE TYPES

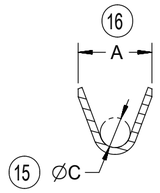




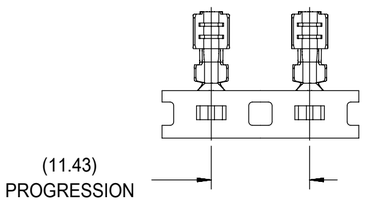




SECTION B-B
Scale 5:1



SECTION C-C
Scale 5:1



NOTES: (UNLESS OTHERWISE SPECIFIED)

1. MATING TERMINAL SHOWN ON DRAWING SD-34080-001

2. MATERIAL: ASTM B422, UNS C19025, HR04
   THICKNESS: 0.30 mm ±0.01
   TEMPER: FULL HARD (REF)
   TENSILE: 496 MIN MPA

3. TIN PLATED TERMINAL FINISH
   OVERALL UNDERPLATE ELECTRODEPOSITED NICKEL
   OVERALL ELECTRODEPOSITED REFLOW TIN

4. GOLD PLATED TERMINAL FINISH
   OVERALL UNDERPLATE ELECTRODEPOSITED
   DUCTILE SULFAMATE NICKEL
   CONTACT AREA - ELECTRODEPOSITED GOLD
   GRIP AREA - ELECTRODEPOSITED 100%
   TIN MATTE FINISH

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

6. MEETS PERFORMANCE SPECIFICATION FOR
   CABLE TO TERMINAL ELECTRICAL CRIMPS
   PER SAE/USCAR-21 (5/2002)

7. MEETS PERFORMANCE STANDARD FOR
   AUTOMOTIVE ELECTRICAL CONNECTOR
   SYSTEMS FOR SAE/USCAR-2 REV. 4
   (TEMP CLASS 3) (5/2004)

8. MEETS ELECTRICAL CONNECTION SYSTEM
   DESIGN SPECIFICATION (SDS) REV.11 (5/2002)

9. MEETS FIELD CORRELATED LIFE TEST (FCLT) PER
   SAE/USCAR-20 (6/2004)

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	
F/W	= 0
F/C	= 0
F/P	= 0
S	= 0
▼	= 0
C	= 0
☒	= 0
■	= 0
V	= 0

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE
mm	3:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	3.0 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.10
1 PLACE	±	0.3
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 628017
DRWN: NVENKATESHSH 2019/05/11
CHK'D: TOMSMITH 2019/12/23
APPR: TOMSMITH 2019/12/23

INITIAL REVISION:
DRWN: KFERGUSON 2009/04/14
APPR: BMOSER 2009/04/14

molex

MX 150 RECEPTACLE
CABLE SEAL

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-34083-002	PSD	001	B2

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	34083	SEE TABLE	GENERAL MARKET	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2019/12/23 18:21:18

FORMAT: master-tb-prod-C
REVISION: H
DATE: 2018/01/18