



产品编号：[340813004](#)
Product Description：MX150 Cable Seal
Female Terminal, Gold Plating, 18 and 20
AWG, Left Reel Payoff
系列号：34081
状态：Active
Product Category：Crimp Terminals



文件和资源

图纸
[图纸 340813004_sd.pdf](#)

规格
[产品规格 PS-34083-002-001.pdf](#)
[测试摘要 TS-34081-002-001.pdf](#)

产物环境合规

合规

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

多部分产品合规性声明

- Eu RoHS
- REACH SVHC
- Low-Halogen

多部分行业合规性文件

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474

产品详情

常规

状态	活动
类别	Crimp Terminals
系列	34081
说明	MX150 Cable Seal Female Terminal, Gold Plating, 18 and 20 AWG, Left Reel Payoff
应用	Power, Wire-to-Board, Wire-to-Wire
个评论	Left Reel Payoff, Cable Seal
产品系列	MX150 Sealed and Unsealed Connector System
产品名称	MX150
UPC	822350084482

电气

每触点最大电流	Contact Molex
电压 - 最大	14V DC

物理

性别	女
夹具代码	18
材料 - 金属	High Performance Alloy (HPA)
材料 - 接合部位电镀	金牌
材料 - 终端电镀	Tin
净重	0.367/g
包装形式	Reel
最薄镀层 - 接合部位	0.762µm
最薄镀层 - 端接	2.540µm
终端界面类型	Crimp or Compression
导线绝缘直径	2.54mm max.
线径规格 (AWG)	18, 20

线缆尺寸mm ²	0.75-1.00
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进程

无铅	不适用
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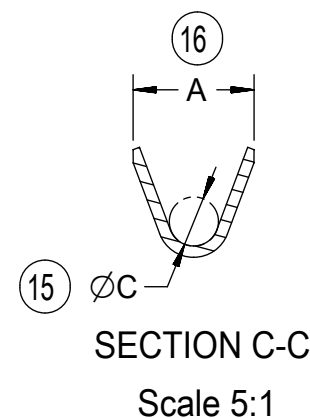
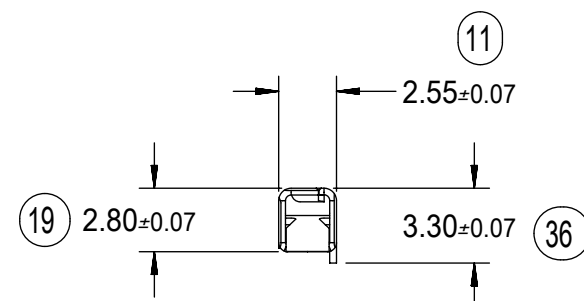
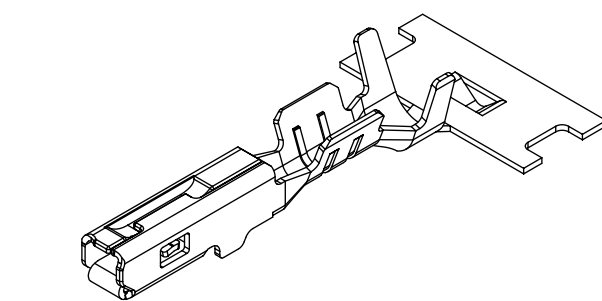
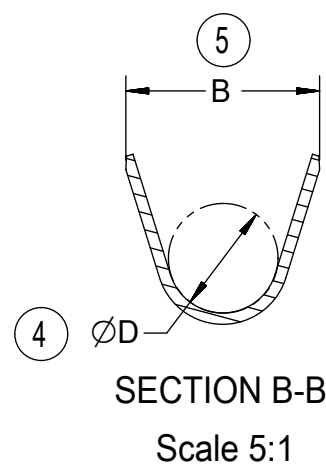
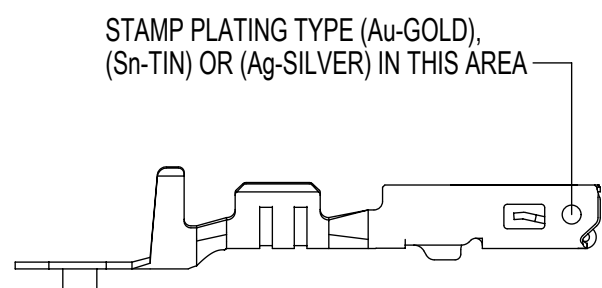
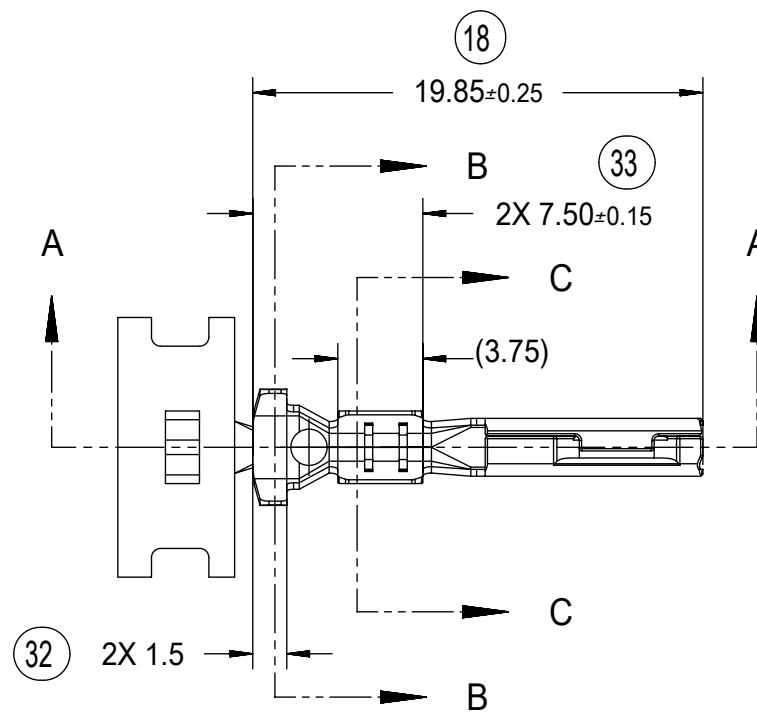
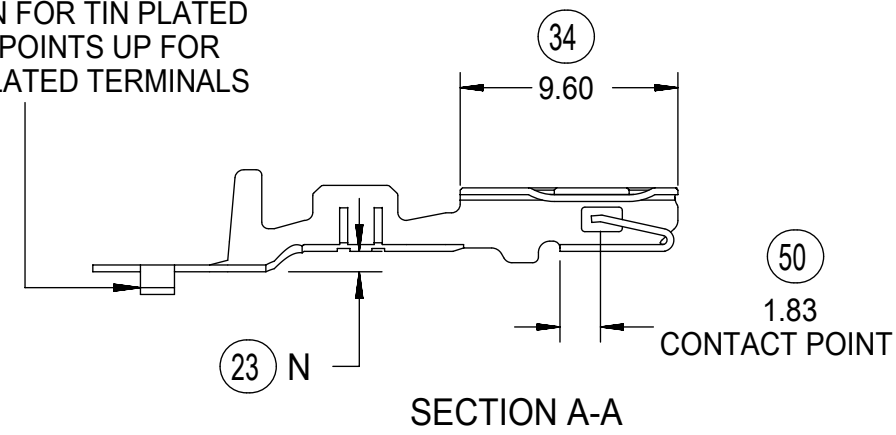
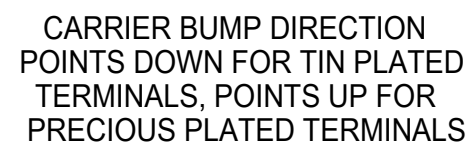
可连接使用部件

描述	产品编号
MX150 Mat-Sealed Single Row Female Connector Assemblies	<u>33471</u>
MX150 Mat-Sealed Dual Row Female Connector Assemblies	<u>33472</u>
MX150 Cable-Sealed Single Row Female Connector Assemblies	<u>34062</u>
MX150 Cable Sealed Single Row Female Connectors	<u>34250</u>

施工工具

全局

描述	产品编号
Extraction Toolkit for MX150 Connectors	<u>2002220700</u>
Extraction Tool for MX150L, MX150, PT Bulb Socket, iGrid, SPOX, and Wire-to-Motor Terminals	<u>0638131500</u>
Hand Crimp Tool for Cable Seal Crimp Terminals	<u>0638199200</u>
FineAdjust Applicator for Cable Seal Crimp Terminals	<u>0639018100</u>

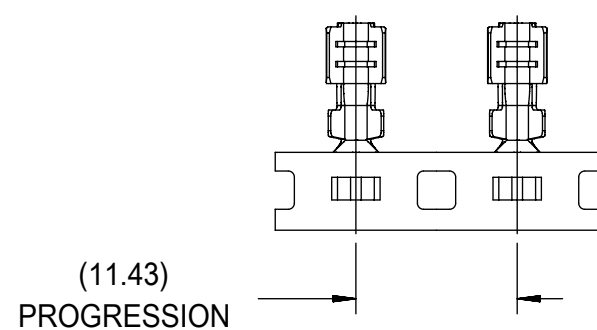


FAMILY	GENDER	SEALING	PLATING	PART NUMBER	PAYOFF DIRECTION	GRIP CODE	WIRE SIZES*	A ±0.3	B ±0.20	C ±0.3	D ±0.15	N ±0.10	SPECIAL CHARACTERISTICS
MX150	RECEPTACLE	WIRE SEAL	Sn	34083-2003	RIGHT (B)	22	22AWG	2.5	4.85	0.9	2.90	0.55	HIGH PERFORMANCE Sn
				34083-3003	LEFT (D)		0.35-0.50mm²						
				34083-2002	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)

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|---|---|
| 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 ±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	

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