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产品编号 : 340814002
Product Description : MX150 Cable Seal
Female Terminal, Silver Plating, 18 and 20
AWG, Right Reel Payoff
系列号 : 34081
状态 : Active
Product Category : Crimp Terminals



文件和资源

图纸
[图纸 340814002_sd.pdf](#)

规格
[产品规格 PS-34083-002-001.pdf](#)
[测试摘要 TS-34081-003-001.pdf](#)

产物环境合规

合规

GADSL/IMDS	Duty-To-Declare
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
- chemSHERPA (xml)

产品详情

常规

状态	活动
类别	Crimp Terminals
系列	34081
说明	MX150 Cable Seal Female Terminal, Silver Plating, 18 and 20 AWG, Right Reel Payoff
应用	Power, Wire-to-Board, Wire-to-Wire
个评论	For automatic and semi-automatic crimping, use Left Reel Payoff terminals. See Sales Drawing for Left Reel Payoff Part Numbers.
产品系列	MX150 Sealed and Unsealed Connector System
产品名称	MX150
UPC	822350754477

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	银牌
材料 - 终端电镀	Tin
净重	0.364/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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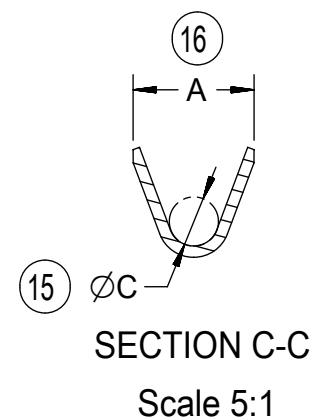
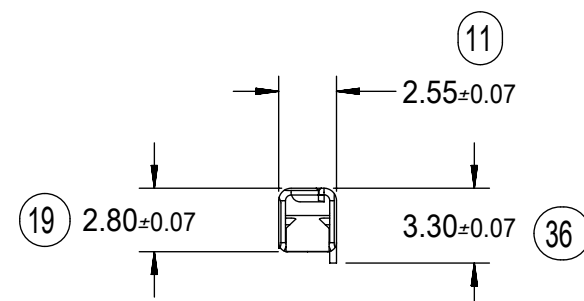
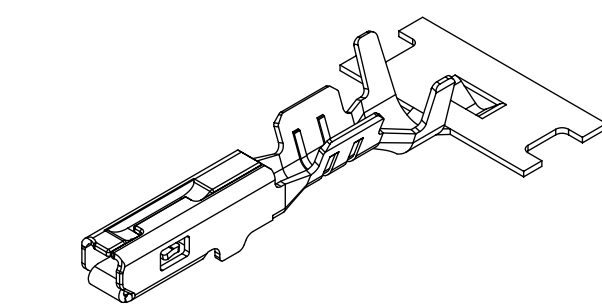
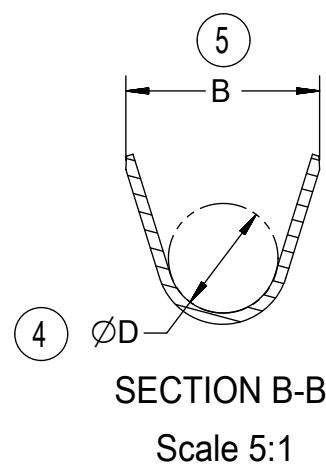
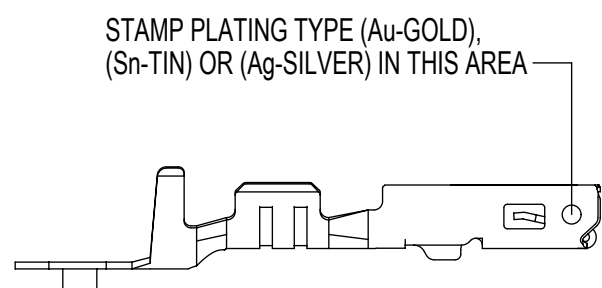
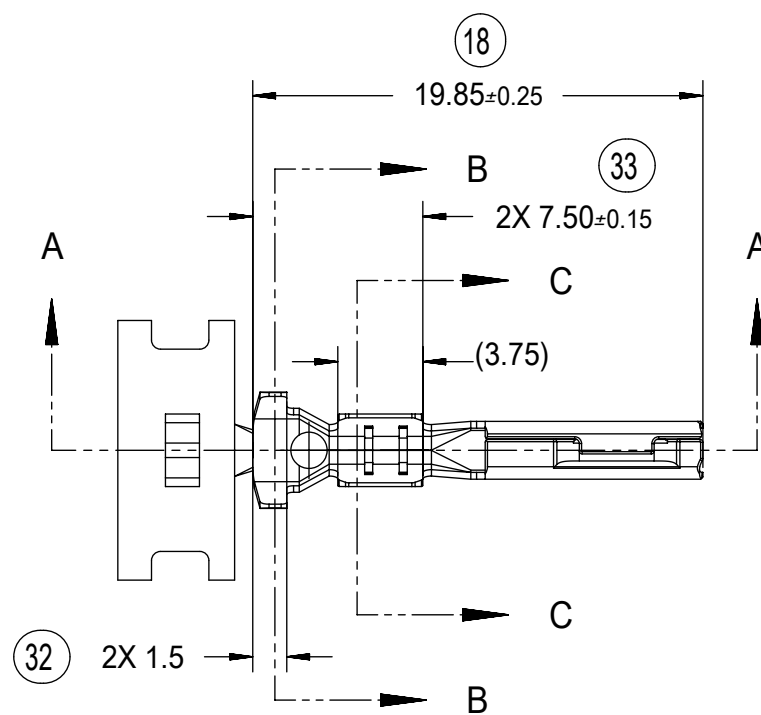
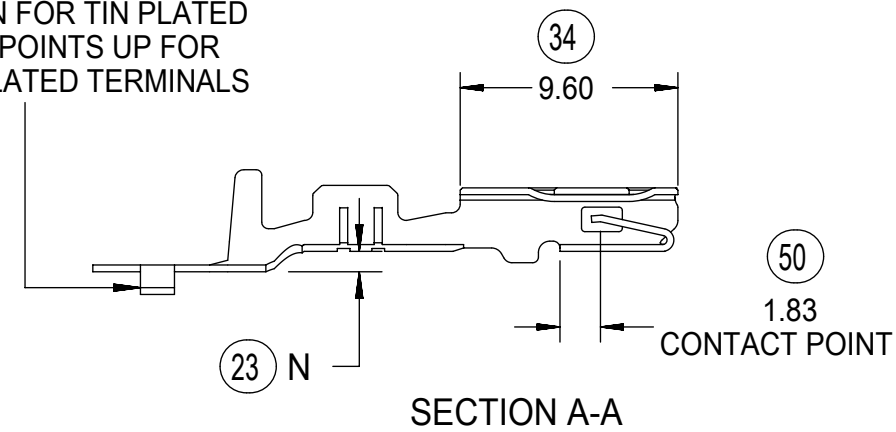
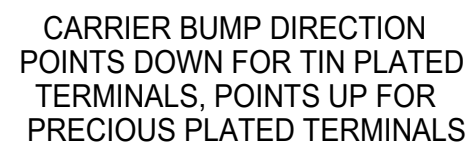
可连接使用部件

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>

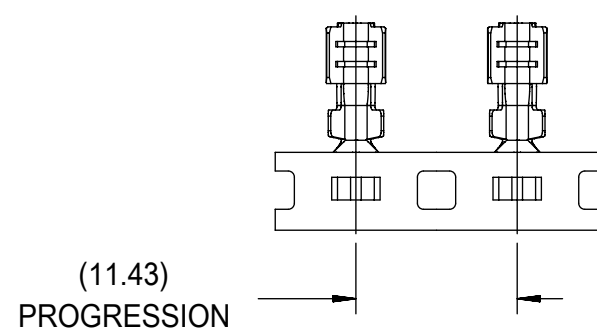


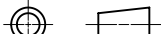
FAMILY	GENDER	SEALING	PLATING	PART NUMBER	PAYOFF DIRECTION	GRIP CODE	WIRE SIZES*	A ±0.3	B ±0.20	C ±0.3	D ±0.15	N ±0.10	SPECIAL CHARACTERISTICS
MX150	RECEPTACLE	WIRE SEAL	Sn	34083-2003	RIGHT (B)	22	22AWG	2.5	4.85	0.9	2.90	0.55	HIGH PERFORMANCE Sn
				34083-3003	LEFT (D)		0.35-0.50mm²						
				34083-2002	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												
F = 0 F = 0 F = 0 S = 0 ▽ = 0 C = 0 ☒ = 0 ■ = 0 ▽ = 0		DIMENSION UNITS	SCALE	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						
		mm	3:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)		PRODUCT CUSTOMER DRAWING												
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		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
				C-SIZE		34083		SEE TABLE		GENERAL MARKET		1 OF 1		