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Part Number:

0194310001

Status:

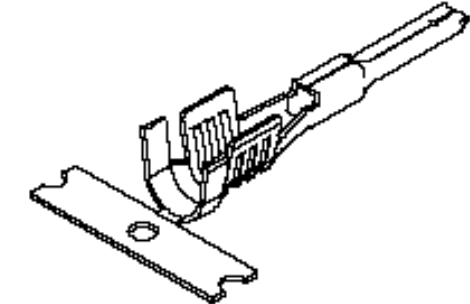
Active

Overview:

mx150l_sealed_connector_system

Description:

MX150L™ Male Terminal for 10-12 AWG Wire, Metal Strip Carrier



Series

image - Reference only

Documents:

Drawing (PDF)

Product Specification PS-19432-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR18689
UL	E152602

General

Product Family	Crimp Terminals
Series	19431
Comments	UL EI52602
Crimp Quality Equipment	Yes
Overview	mx150l_sealed_connector_system
Product Literature Order No	987650-2181
Product Name	MX150L™

Physical

Durability (mating cycles max)	25
Gender	Male
Material - Metal	Copper
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Reel
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	3.94mm-4.45mm (.155-.175")
Wire Size AWG	10, 12
Wire Size mm²	N/A

Material Info

Reference - Drawing Numbers

Product Specification	PS-19432-001
Sales Drawing	SD-19431-002

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

19431Series

Mates With

19434 Female Terminal

Use With

19433 Male Plug

Application Tooling | FAQ

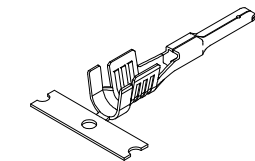
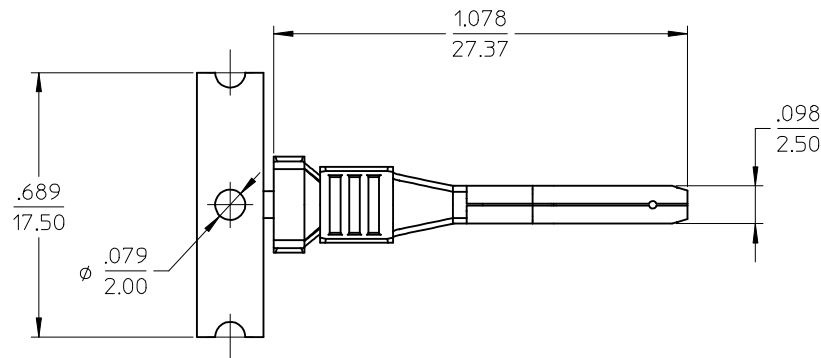
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global	
Description	Product #
Hand Crimp Tool	0638115300
Mini-Mac™	0638950400
Applicator for MX150L™ Crimp Terminals	

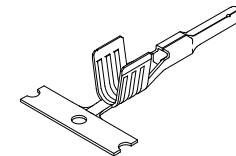
This document was generated on 06/01/2010

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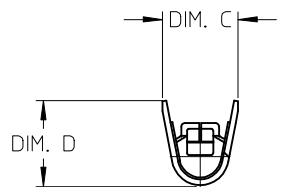
12	11	10	9	8	7	6	5	4	3	2	19431
STRIP MATERIAL NUMBER	LOOSE PIECE MATERIAL NUMBER	AWG SIZE	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"					
194310001	194310016	10-12	.250/6.35	.236/6.00	.197/5.00	.226/5.74					
194310015	194310017	8	N/A	N/A	.240/6.10	.276/7.00					



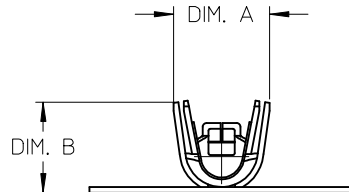
10-12 AWG



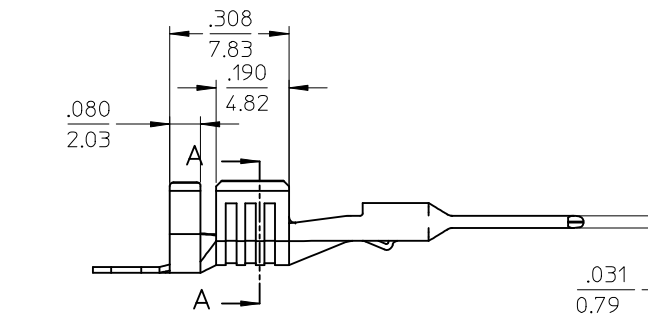
8 AWG



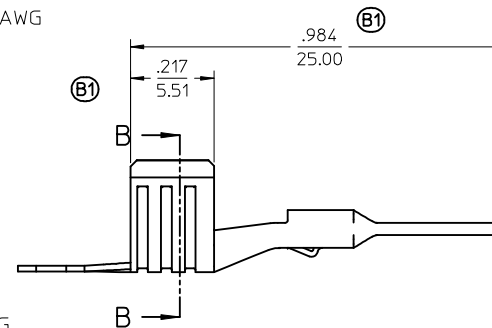
SECTION A-A



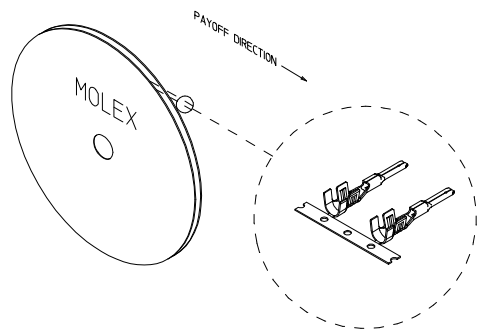
SECTION B-B



10-12 AWG



8 AWG
SAME AS 10-12 AWG
EXCEPT AS NOTED



- NOTES:
1. MATERIAL: COPPER ALLOY.
 2. FINISH: PREPLATED AND REFLOWED OVERALL.
100μ TIN OVER 50μ NICKEL, MINIMUM.
 3. TERMINAL FOR USE WITH 19433-**** PLUG HOUSING ASSEMBLY.
 4. PRODUCT SPECIFICATION: PS-19431-001.
 5. PACKAGING SPECIFICATION: PK-19431-001.
 6. APPLICATION TOOLING AND CRIMP SPECIFICATIONS: CONSULT FACTORY.

UPDATED DIM EC NO: WNA2009-0796 DRWN: WLEUNG 2009/06/03 CHKD: RDEROSS 2009/06/04 APPR: RDEROSS 2009/07/10	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		REVISE ON CAD ONLY	
	▽ = 0 ▽C = 0	mm	INCH	DIMENSION STYLE IN/MM		TITLE MALE PIN TERMINAL MX150L 12-10 & 8 AWG, .098/2.50 X .031/0.79			
		4 PLACES ± --- ± ---		DRAWN BY BRUPERT	DATE 01/25/05				
		3 PLACES ± --- ± .010		CHECKED BY JPAWLICK	DATE 01/25/05	MOLEX MOLEX INCORPORATED			
		2 PLACES ± 0.25 ± .02		APPROVED BY RDEROSS	DATE 01/25/05			MATERIAL NO. SEE CHART	DOCUMENT NO. SD-19431-002
		1 PLACE ± 0.5 ± ---		DRAFT WHERE APPLICABLE			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	ANGULAR ± 3 °								
B1	REV	MUST REMAIN WITHIN DIMENSIONS							