

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0194310015

Status:

Active

Overview:

[mx150l_sealed_connector_system](#)

Description:

MX150L™ Male Terminal for 8 AWG Wire, Metal Strip Carrier

Documents:

[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

[Product Specification PS-19432-001 \(PDF\)](#)

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

6.02mm (.237")

Wire Size AWG

8

Wire Size mm²

N/A

Material Info

Reference - Drawing Numbers

Product Specification

PS-19432-001

Sales Drawing

SD-19431-002

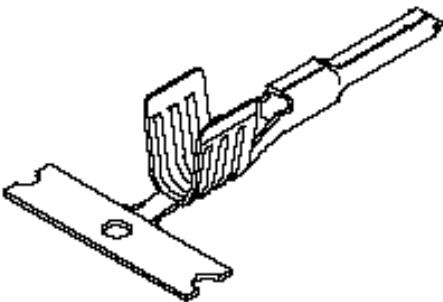


image - Reference only

Series

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

[19431](#)Series

Mates With

[19434](#) Female Terminal

Use With

[19433](#) Male Plug

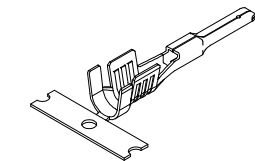
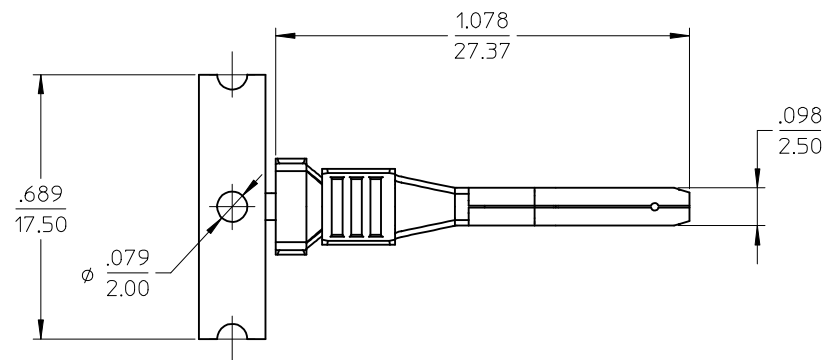
Application Tooling | [FAQ](#)

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

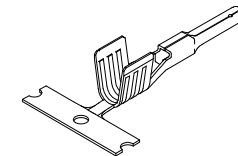
Global	
Description	Product #
Hand Crimp Tool	0638115400
Mini-Mac™	0638325100
Applicator	

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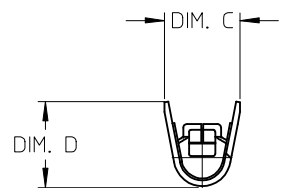
12	11	10	9	8	7	6	5	4	3	2	19431
STRIP MATERIAL NUMBER	LOOSE PIECE MATERIAL NUMBER	AWG SIZE	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"					
194310001	194310016	10-12	.250/6.35	.236/6.00	.197/5.00	.226/5.74					
194310015	194310017	8	N/A	N/A	.240/6.10	.276/7.00					



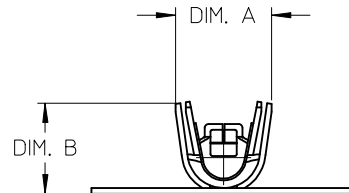
10-12 AWG



8 AWG

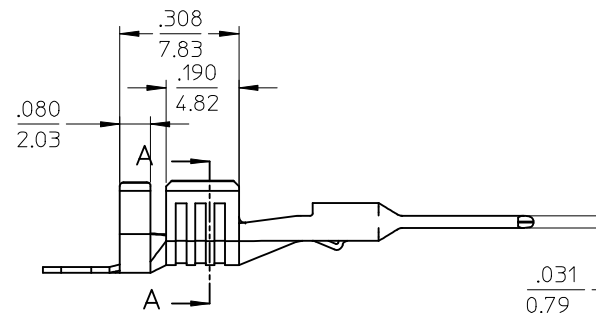


SECTION A-A

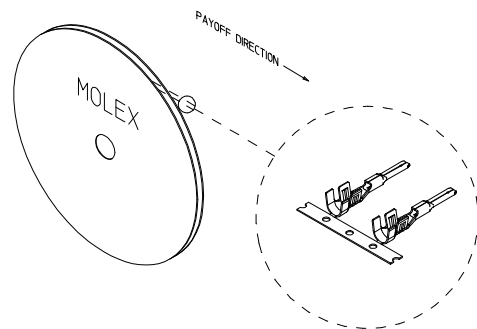
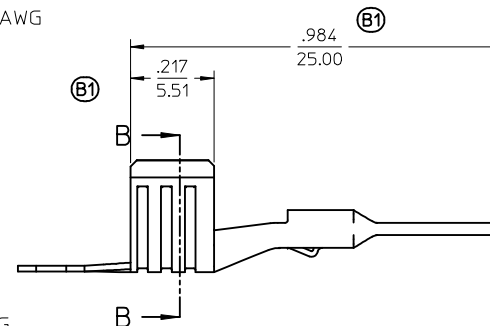


SECTION B-B

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	DESCRIPTION	QUALITY SYMBOLS ▽ = 0 ▽C = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		REVISE ON CAD ONLY	
			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	DATE	MATERIAL NO. SEE CHART			
			3 PLACES	± ---	± .010	CHECKED BY	DATE				
			2 PLACES	± 0.25	± .02	APPROVED BY	DATE	DOCUMENT NO. SD-19431-002		SHEET NO. 1 OF 1	
1 PLACE	± 0.5	± ---	RDEROSS		01/25/05	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
B1	REV		ANGULAR ± 3 °								
			DRAFT WHERE APPLICABLE								
			MUST REMAIN WITHIN DIMENSIONS								