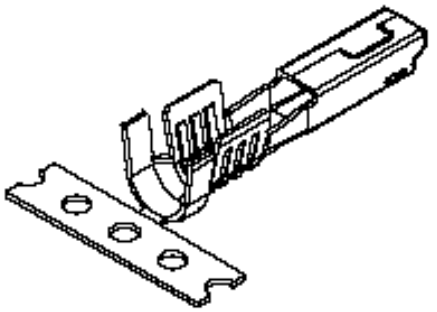
This document was generated on 06/01/2010

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** 0194340003
**Status:** Active
**Overview:** mx150l_sealed_connector_system
**Description:** MX150L™ Female Terminal for 10-12 AWG Wire



*Series image - Reference only*

**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 | 19434 |
| Comments | UL EI52602 |
| Crimp Quality Equipment | Yes |
| Overview | mx150l_sealed_connector_system |
| Product Literature Order No | 987650-2181 |
| Product Name | MX150L™ |

## Physical

| | |
|---|---|
| Gender | Female |
| Material - Metal | Copper |
| Material - Plating Mating | Tin |
| Packaging Type | Bag |
| Wire Insulation Diameter | 3.94mm-4.45mm (.155-.175") |
| Wire Size AWG | 10, 12 |
| Wire Size mm² | N/A |

## Material Info

## Reference - Drawing Numbers

| | |
|---|---|
| Packaging Specification | PK-19434-001 |
| Product Specification | PS-19432-001 |
| Sales Drawing | SD-19434-001 |

**EU RoHS**
**ELV and RoHS Compliant**
**REACH SVHC**
**Contains SVHC: No**
**Halogen-Free Status**
**Halogen-Free**

**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**
19434Series

**Mates With**
19431 Male Terminal

**Use With**
19432 Female Receptacle

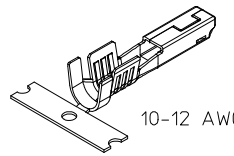
**Application Tooling** | **FAQ**
*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*
**Global**

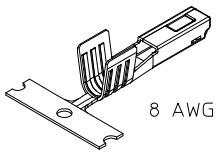
| Description | Product # |
|---|---|
| Hand Crimp Tool | 0638115300 |

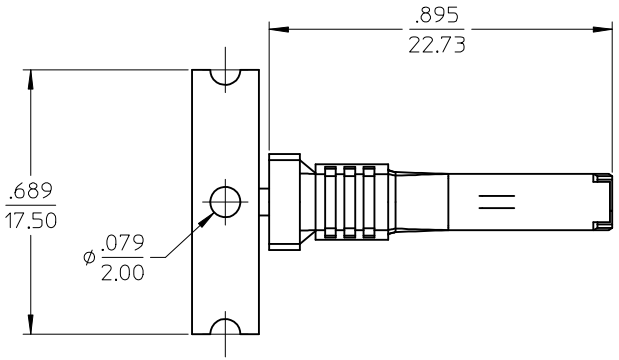
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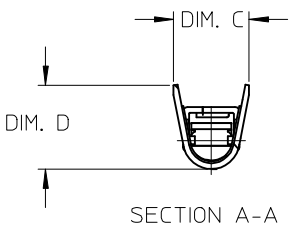
**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

| STRIP MATERIAL NUMBER | LOOSE PIECE MATERIAL NUMBER | AWG SIZE | DIM. "A" | DIM. "B" | DIM. "C" | DIM. "D" |
|---|---|---|---|---|---|---|
| 194340001 | 194340003 | 10-12 | .250/6.35 | .236/6.00 | .197/5.00 | .220/5.60 |
| 194340002 | 194340004 | 8 | N/A | N/A | .240/6.10 | .276/7.00 |

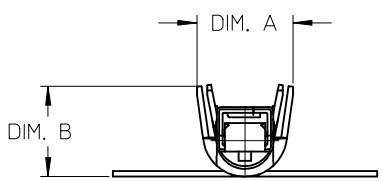


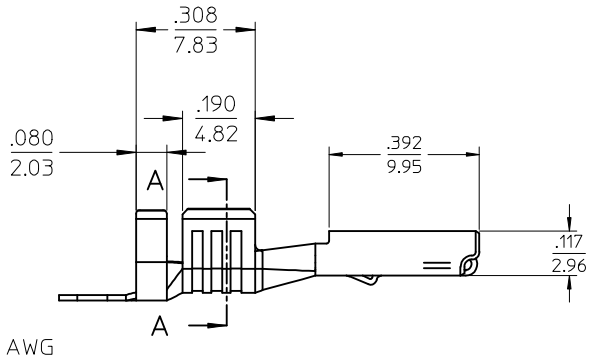



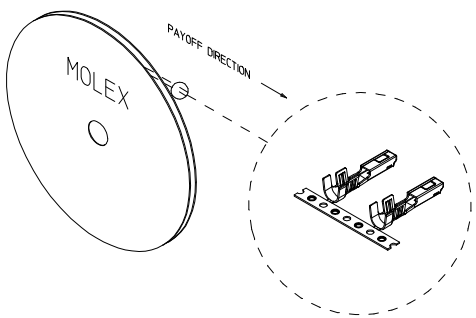



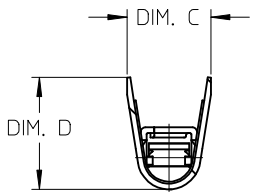

SECTION A-A



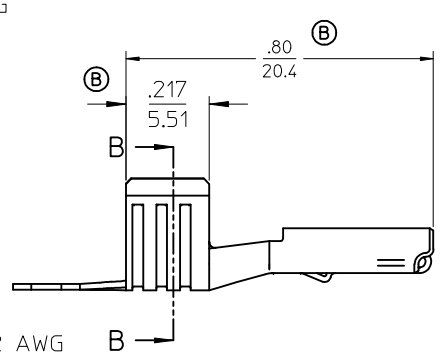




10-12 AWG




SECTION B-B




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. TERMINALS FOR USE WITH 19432**** RECEPTACLE HOUSING ASSEMBLY.
4. PRODUCT SPECIFICATION: PS-19431-001.
5. PACKAGING SPECIFICATION: PK-19434-001.
6. APPLICATION TOOLING AND CRIMP SPECIFICATIONS: CONSULT FACTORY

UPDATED DIMS & NOTES
EC NO: WNA2009-0796
DRWN:BRUPERT 2005/10/05
CH'KD:JPAWLICK12009/06/04
APPR:RDEROSS 2009/07/10
DESCRIPTION
B
REV

QUALITY SYMBOLS
▼- 0
▽- 0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± .010 |
| 2 PLACES | ± 0.25 | ± .02 |
| 1 PLACE | ± 0.5 | ± --- |
| ANGULAR ± 3 ° | | |

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

| SCALE | DESIGN UNITS |
|---|---|
| 4:1 | INCH |

DIMENSION STYLE: IN/MM

THIRD ANGLE PROJECTION | REVISE ON CAD ONLY

| DRAWN BY | DATE |
|---|---|
| BRUPERT | 01/25/05 |
| CHECKED BY | DATE |
| JPAWLICK | 01/25/05 |
| APPROVED BY | DATE |
| RDEROSS | 01/25/05 |

TITLE: FEMALE RECEPTACLE MX150L TERMINAL, 10-12,8 AWG AWG, .098/2.50X.031/0.79

MOLEX INCORPORATED

| MATERIAL NO. | DOCUMENT NO. | SHEET NO. |
|---|---|---|
| SEE CHART | SD-19434-001 | 1 OF 1 |

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