

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

**Part Number:** [0190110039](#)  
**Status:** **Active**  
**Description:** InsulKrimp™ Piggyback Quick Disconnect, Tab 6.35mm (.250") by 0.81mm (.032"), 10-12 AWG, Yellow Insulator, Tape

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-19902-008 \(PDF\)](#)

**Agency Certification**

CSA LR18689  
 UL E79133

**General**

Product Family Quick Disconnects  
 Series [19011](#)  
 Crimp Quality Equipment Yes  
 Product Name InsulKrimp™  
 Type Quick Disconnect

**Physical**

Barrel Type Closed  
 Flammability 94V-2  
 Gender Female  
 Glow-Wire Compliant No  
 Insulation PVC  
 Lock to Mating Part No  
 Orientation Straight  
 Packaging Type Adhesive Tape on Reel  
 Polarized to Mating Part Yes  
 Tab Thickness 0.81mm (.032")  
 Tab Width 6.35mm (.250")  
 Temperature Range - Operating 105°C  
 Wire Insulation Diameter 5.71mm (.225") max.  
 Wire Size AWG 10, 12  
 Wire Size mm² 3.30 - 5.00

**Electrical**

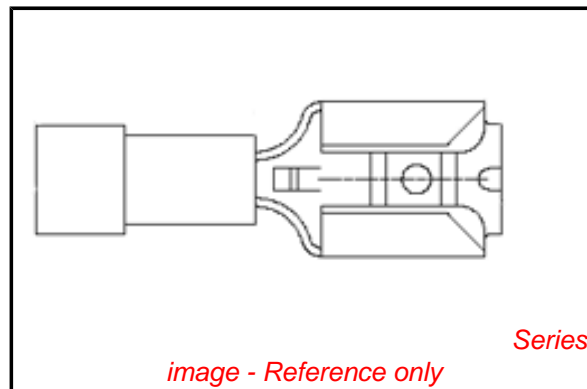
Voltage - Maximum 600V AC

**Material Info**

Old Part Number C-2303

**Reference - Drawing Numbers**

Product Specification PS-19902-008  
 Sales Drawing SD-19011-004



**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](mailto: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**

[19011Series](#)

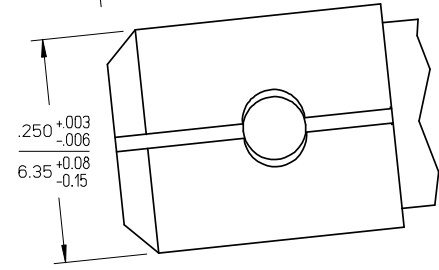
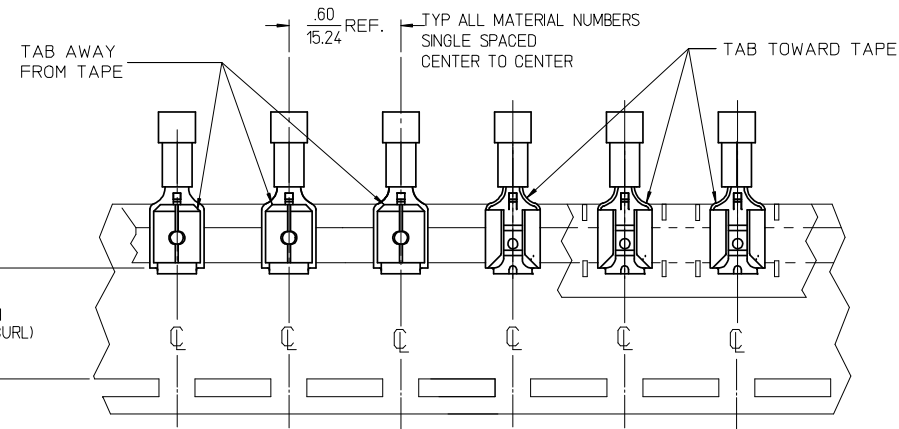
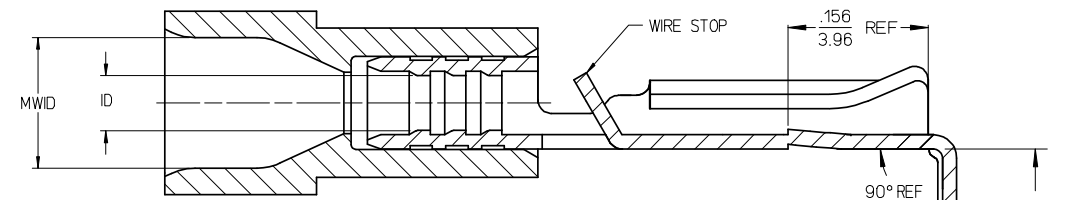
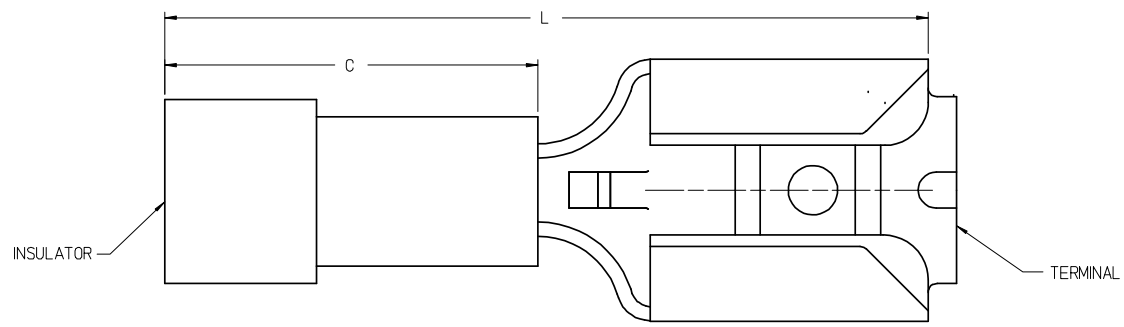
**Application Tooling | [FAQ](#)**

*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	0640016200

13	12	11	10	9	8	7	6	4	3	2	1
MATERIAL NO. LOOSE PC	ENGINEERING NO. LOOSE PC	MATERIAL NO. ON TAPE	ENGINEERING NO. ON TAPE	WIRE SIZE	INSULATOR COLOR	ID MIN REF	MWID	C MAX	L MAX	H NOMINAL (F)	BARE TAB POSITION
190110035	AA-2301	190110036	AA-2301T	22-18 AWG	RED	.0575/1.480	.110/2.79	.410/10.41	.870/22.10	.54/13.7	AWAY FROM TAPE
190110037	BB-2302	190110038	BB-2302T	16-14 AWG	BLUE	.082/2.08	.140/3.56	.410/10.41	.870/22.10	.54/13.7	AWAY FROM TAPE
190110039	C-2303	190110040	C-2303T	12-10 AWG	YELLOW	.128/3.25	.225/5.71	.555/14.10	1.010/25.65	.57/14.4	TOWARD TAPE (F)



PARTS ON TAPE (F)  
(SCALE 2:1)

- NOTES:
1. TERMINAL MATERIAL: BRASS
  2. TERMINAL FINISH: TIN PLATED
  3. INSULATOR MATERIAL: PVC
  4. MWID = MAXIMUM WIRE INSULATION DIAMETER.
  5. ASSEMBLY IS ROHS COMPLIANT.

<b>TAPE ORIENTATION</b> EC NO: WNA2008-0032 DRAWN: THRODDAL 2008/02/14 CHKD: JMACNEIL 2008/03/11 APPR: JMACNEIL 2008/03/11 REV	QUALITY SYMBOLS ▼=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE IN/MM	SCALE 10:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION																		
		<table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± .005</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± .1</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± ---</td> </tr> <tr> <td colspan="3">ANGULAR ± 1°</td> </tr> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± .005	2 PLACES	± 0.13	± .1	1 PLACE	± 0.25	± ---	ANGULAR ± 1°			DRAWN BY JLOMASTRO	DATE 2005/09/12	TITLE PIGGYBACK QD, .250 X .032 TAB, INSULKRIMP	
		mm	INCH																					
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		APPROVED BY RDEROSS	DATE 2005/09/12	MOLEX INCORPORATED																				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	MATERIAL NO. SD-19011-004	DOCUMENT NO.	SHEET NO. 1 OF 1																		