

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0190130031](#)
Status: **Active**
Description: InsulKrimp™ Fully Insulated Piggyback Quick Disconnect, Tab 6.35mm (.250") by 0.81mm (.032"), 14-16 AWG, Expanded Blue Insulator, Loose

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	19013
Crimp Quality Equipment	Yes
Product Name	InsulKrimp™
Type	Quick Disconnect

Physical

Barrel Type	Closed - Brazed
Color - Resin	Natural
Flammability	94V-2
Gender	Female
Glow-Wire Compliant	No
Insulation	Nylon (PA)
Lock to Mating Part	No
Material - Resin	Nylon
Orientation	Straight
Packaging Type	Bag
Polarized to Mating Part	Yes
Tab Thickness	0.81mm (.032")
Tab Width	6.35mm (.250")
Temperature Range - Operating	105°C
Wire Insulation Diameter	6.58mm (.259") max.
Wire Size AWG	14, 16
Wire Size mm²	1.30 - 2.00

Electrical

Voltage - Maximum	600V AC
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Material Info

Old Part Number	BB-2318X
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Reference - Drawing Numbers

Product Specification	PS-19902-008
Sales Drawing	SD-19013-002

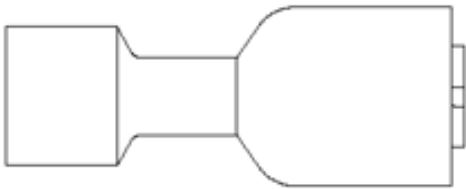


image - Reference only

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

[19013Series](#)

Application Tooling | FAQ

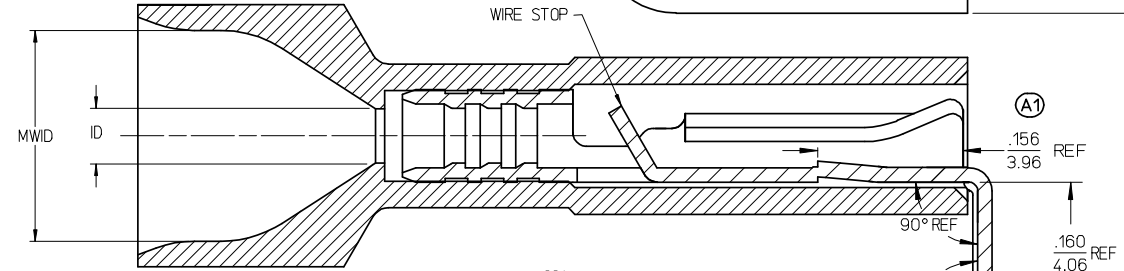
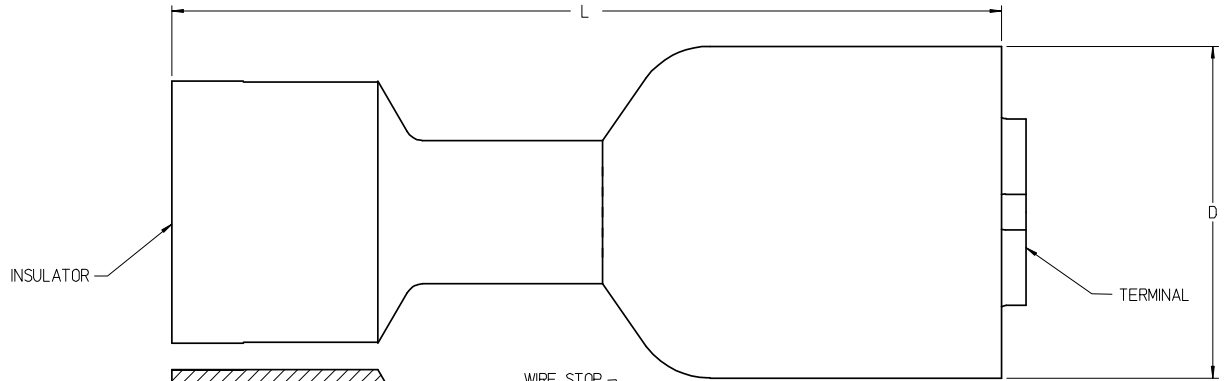
*Tooling specifications and manuals are
found by selecting the products below.
Crimp Height Specifications are then
contained in the Application Tooling
Specification document.*

Global

Description	Product #
Hand Crimp Tool	0640016300
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640056300

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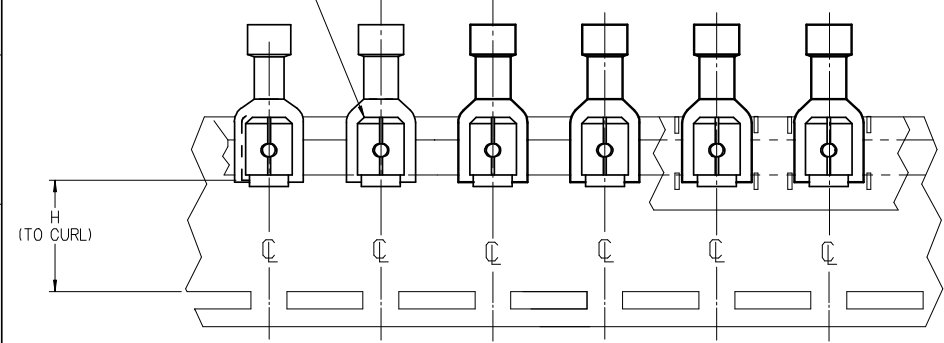
MATERIAL NO. LOOSE PC	ENGINEERING NO. LOOSE PC	MATERIAL NO. ON TAPE	ENGINEERING NO. ON TAPE	WIRE SIZE	INSULATOR COLOR	ID MIN REF	MWID	D MAX	L MAX	H NOMINAL
190130027	AA-2317X	190130028	AA-2317XT	22-18 AWG	RED	.056/1.42	.229/5.82	.380/9.65	.940/23.88	.54/13.7
190130031	BB-2318X	190130032	BB-2318XT	16-14 AWG	BLUE	.081/2.06	.259/6.58	.380/9.65	.940/23.88	.54/13.7



TAB AWAY FROM TAPE

.60 REF
15.2

TYP ALL MATERIAL NUMBERS
SINGLE SPACED
CENTER TO CENTER



PARTS ON TAPE (A1)
(SCALE 2:1)

NOTES:

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

ADD TAPE DIAGRAM EC NO: WNA2008-0032 DRAWN: ETHRODAHL 2008/02/14 CHKD: JMACNEIL 2008/03/11 APPR: JMACNEIL 2008/03/11 REV A1	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 10:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
	▼=0 ▽=0	4 PLACES	±---	±---	DRAWN BY	DATE	TITLE PIGGYBACK FIQD, .250 X .032 TAB, INSULKRIMP, EXPANDED MOLEX INCORPORATED DOCUMENT NO. SD-19013-002 SHEET NO. 1 OF 1		
		3 PLACES	±---	±---	CHECKED BY	DATE			
		2 PLACES	±---	±---	JMACNEIL	2007/02/14			
		1 PLACE	±---	±---	JMACNEIL	2007/02/14			
ANGULAR ±---		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART					
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					