

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0190040001](#)
Status: **Active**
Description: InsulKrimp™ Fully Insulated Coupler, Male, for 18-22 AWG Wire, Box

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 [19004](#)
Crimp Quality Equipment Yes
MolexKits Yes
Product Name InsulKrimp™
Type Quick Disconnect

Physical

Barrel Type Closed
Color - Resin Natural
Flammability 94V-0, 94V-2
Gender Male
Glow-Wire Compliant No
Insulation Nylon (PA)
Lock to Mating Part None
Material - Metal Brass
Material - Plating Mating Zinc Chromate
Material - Plating Termination Zinc Chromate
Material - Resin Nylon
Orientation Straight
Packaging Type Bag
Plating min: Mating (µin) 200
Plating min: Mating (µm) 5
Plating min: Termination (µin) 200
Plating min: Termination (µm) 5
Polarized to Mating Part No
Tab Thickness 0.81mm (.032")
Tab Width 6.35mm (.250")
Temperature Range - Operating -65°C to +105°C
Wire Insulation Diameter 3.68mm (.145") max.
Wire Size AWG 18, 20, 22
Wire Size mm² 0.35 - 0.80

Electrical

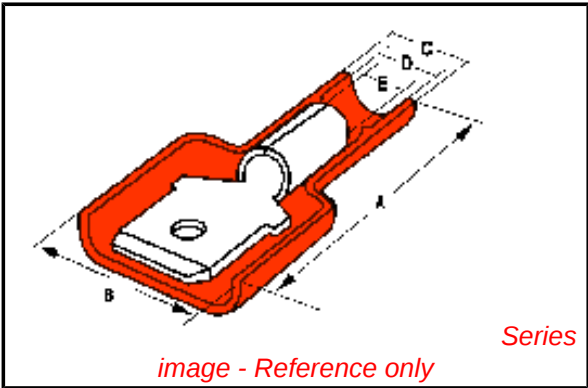
Voltage - Maximum 600V

Material Info

Old Part Number AA-2260

Reference - Drawing Numbers

Product Specification PS-19902-008
Sales Drawing SD-19004-001



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

[19004Series](#)

Use With

[19005-0001](#) , [19005-0003](#) , [19005-0004](#)

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.*

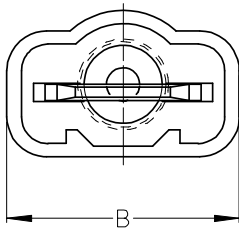
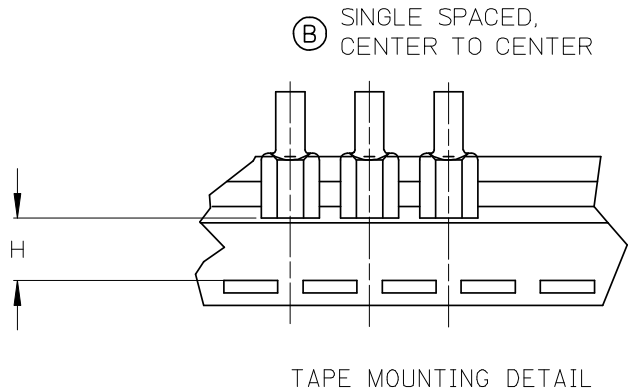
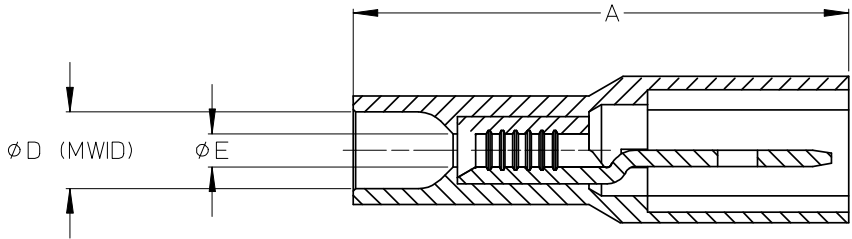
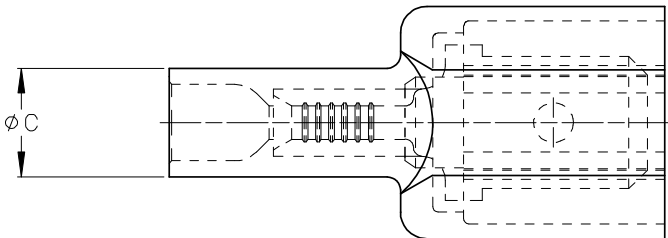
Global

Description	Product #
Hand Crimp Tool	0640014700
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640054700

This document was generated on 06/08/2010

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10		9		8		7		6		5		4		3		2		19004	
ASSEMBLY NUMBER		TAPE NUMBER		ITEM DESCRIPTION								DIMENSIONS							
MATERIAL NUMBER	ENGINEERING NUMBER	MATERIAL NUMBER	TAPE ENG. NUMBER	COLOR	WIRE GAUGE			TAB SIZE			'A' MAX	'B' MAX	'C' MAX	'D' MIN	'E' MIN	'H' REF			
190040001	AA-2260	190040004	AA-2260T	RED	22-18 AWG (0.38-0.96mm ²)			.250x.032 (6.35x0.81)			.97/24.6	.45/11.4	.23/5.8	.145/3.68	(B).054/1.37	.48/12.2			
190040005	BB-2262	190040008	BB-2262T	BLUE	16-14 AWG (1.23-1.94 mm ²)			.250x.032 (6.35x0.81)			.97/24.6	.45/11.4	.23/5.8	.170/4.32	.083/2.11	.48/12.2			



- (B) NOTES:
1. TERMINAL MATERIAL: BRASS
 2. TERMINAL PLATING: ZINC CHROMATE
 3. HOUSING: 6/6 NYLON
 4. MWID: MAXIMUM WIRE INSULATION DIAMETER
 5. TAB DIMENSIONS CONFORM TO UL310 SPECIFICATIONS.
 6. ASSEMBLY IS ROHS COMPLIANT

REDRAW, MATERIALS EC NO: ETC2007-0081 2008/01/28 DRWN:EHILE CHKD:JMACNEIL APPR:JMACNEIL 2008/02/13	DESCRIPTION REV	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM (B)		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION			
			4 PLACES	± --- ± ---	DRAWN BY EMF	DATE 1993/06/25	TITLE FULLY INSULATED MALE COUPLER, INSULKRIMP					
			3 PLACES	± --- ± ---	CHECKED BY		DATE					
			2 PLACES	± --- ± ---	APPROVED BY		DATE					
B	REV		1 PLACE	± --- ± ---	MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
			ANGULAR ± --- °		SEE CHART		SD-19004-001		1 OF 1			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					