

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0190050001](#)
Status: **Active**
Description: InsulKrimp™ Fully Insulated Coupler, Female, 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	19005
Crimp Quality Equipment	Yes
MolexKits	Yes
Product Name	InsulKrimp™
Type	Quick Disconnect

Physical

Barrel Type	Closed
Color - Resin	Natural
Flammability	94V-0
Gender	Female
Glow-Wire Compliant	No
Insulation	Nylon (PA)
Lock to Mating Part	None
Material - Metal	Brass
Material - Resin	Nylon
Orientation	Straight
Packaging Type	Bag
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	4.19mm (.165") max.
Wire Size AWG	18, 20, 22
Wire Size mm²	0.35 - 0.80

Electrical

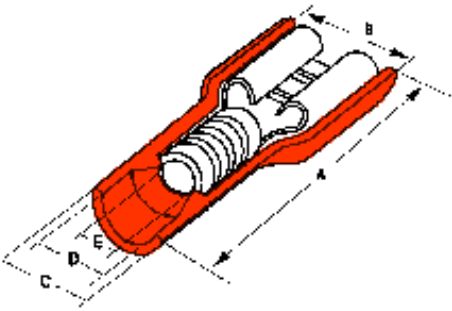
Voltage - Maximum	600V
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Material Info

Old Part Number	AA-2261
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Reference - Drawing Numbers

Product Specification	PS-19902-008
Sales Drawing	SD-19005-001



Series

image - Reference only

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

[19005Series](#)

Use With

[19004-0001](#) , [19004-0004](#)

Application Tooling | FAQ

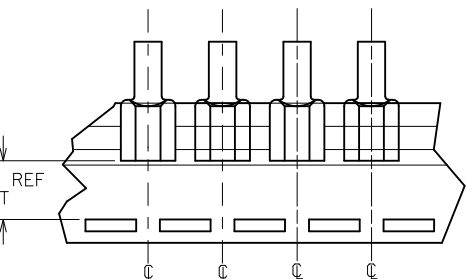
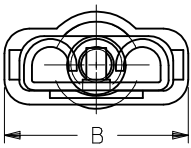
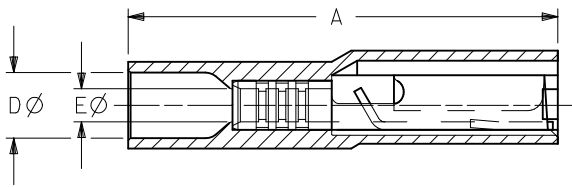
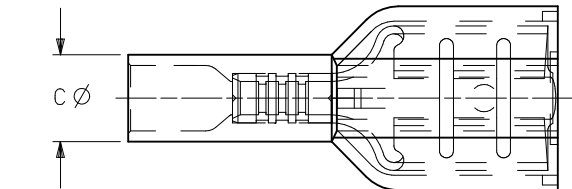
*Tooling specifications and manuals are
found by selecting the products below.
Crimp Height Specifications are then
contained in the Application Tooling
Specification document.*

Global

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

10	9	8	7	6	5	4	3	2	19005				
MATERIAL NO. LOOSE PC	ENGINEERING NO. LOOSE PC	MATERIAL NO. ON TAPE	ENGINEERING NO. ON TAPE	WIRE SIZE	ACCEPTS TAB SIZE	COLOR	STOCK THKNS (REF)	A MAX	B MAX	C MAX	D MWID	E MIN	T REF
190050001	AA-2261	190050004	AA-2261T	22- 18	.250x.032/6.35x0.81	RED	.018/0.46	.89/22.6	.38/9.7	.23/5.9	.16/4.1	.08/2.0	.52/13.2
190050005	BB-2263	190050009	BB-2263T	16- 14	.250x.032/6.35x0.81	BLUE	.018/0.46	.89/22.6	.38/9.7	.23/5.9	.16/4.1	.08/2.0	.52/13.2
190050010	C-2265	190050015	C-2265T	12- 10	.250x.032/6.35x0.81	YELLOW	.018/0.46	1.04/26.4	.38/9.7	.34/8.7	.27/6.8	.14/3.5	.51/13.0

(B1) (B1) (B1)



TAPE MOUNTING DETAIL

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

REVISED TOLERANCES EC NO: WNA2010-0574 DRAWN BY: DRWINETHRODAHL CHKD: JMACNEIL APPR: JMACNEIL	QUALITY SYMBOLS ▽=0 ◻=0	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE (B1) IN/MM		SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY	DATE	FULLY INSULATED FEMALE COUPLER		
			4 PLACES	±---	±---	EMF	1993/06/25			
			3 PLACES	±---	±---	CHECKED BY	DATE			
			2 PLACES	±---	±---	---	---			
			1 PLACE	±---	±---	APPROVED BY	DATE	MOLEX MOLEX INCORPORATED		
			ANGULAR ±---°		JMACNEIL	2010/03/19				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.				
		SEE CHART		SD-19005-001		1 OF 1				
B1			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							