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Part Number: 0190040001

Status: Active

Description: InsulKrimp™ Fully Insulated Coupler, Male, for 18-22 AWG Wire, Box

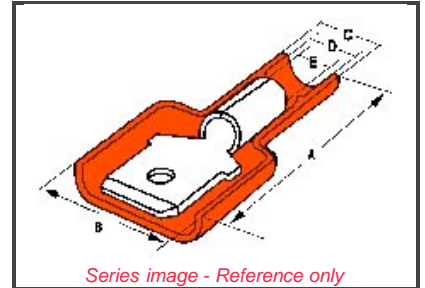
Documents:

Note - Please disable browser pop-up blockers for documents on www.molex.com

[Drawing \(PDF\)](#)

[Product Specification PS-19902-008 \(PDF\)](#)

[Related Catalog Page \(PDF\)](#)



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Part Detail: [\(show all\)](#)

[General](#) [Physical](#) [Electrical](#) [Material Info](#)

General

Product Family	Quick Disconnects
Series	<u>19004</u>
Product Name	InsulKrimp™
Type	Quick Disconnect

Physical

Barrel Type	Closed
Color - Resin	Natural
Flammability	94 V0
Gender	Male
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 (uin)	200
Plating min: Mating (um)	5
Plating min: Termination (uin)	200
Plating min: Termination (um)	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
Wire Size AWG	20
Wire Size AWG	22
Wire Size mm²	0.35 - 0.80

Electrical

CSA	LR18689
UL	E79133

EU RoHS

ELV and RoHS Compliant

China RoHS



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[19004 Series](#)

Use With

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

Application Tooling

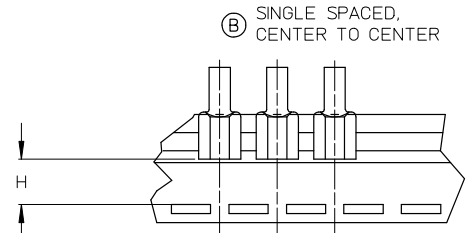
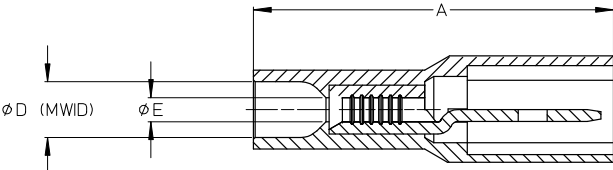
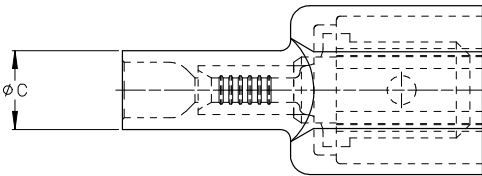
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

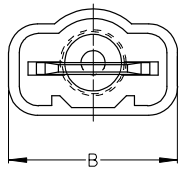
Description	Product #
Hand Crimp Tool	0640014700
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640054700

Voltage - Maximum	600V
Material Info	
Old Part Number	AA-2260
Reference - Drawing Numbers	
Product Specification	PS-19902-008
Sales Drawing	SD-19004-001

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



TAPE MOUNTING DETAIL



(B) NOTES:

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

REDRAW: MATERIALS EC NO: ETC2007-0081 DRAWN BY: DRW:MFHLE CHKD: JMACNEIL APPR: JMACNEIL 2008/01/28 2008/01/28 2008/02/13	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM (B)	SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± ---	mm INCH	DRAWN BY EMF	DATE 1993/06/25	TITLE FULLY INSULATED MALE COUPLER, INSULKRIMP			
		ANGULAR ± ---°		CHECKED BY DATE	APPROVED BY DATE	MOLEX INCORPORATED			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART	DOCUMENT NO. SD-19004-001	SHEET NO. 1 OF 1			