

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0190070001

Status:

Active

Description:

Flag InsulKrimp™ Quick Disconnect, Female, for 18-22 (0.80-0.35) Wire, Box, Tab 6.35mm (.250") x 0.81mm (.032")

Documents:

Drawing (PDF)

Product Specification PS-19902-008 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR18689

UL

E79133

General

Product Family

Quick Disconnects

Series

19007

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

Flag

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

4.44mm (.175") max.

Wire Size AWG

18, 20, 22

Wire Size mm²

0.35 - 0.80

Electrical

Voltage - Maximum

600V

Material Info

Old Part Number

AA-2220

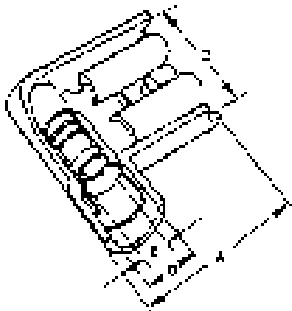
Reference - Drawing Numbers

Product Specification

PS-19902-008

Sales Drawing

SD-19007-004



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
19007Series

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

0640014100

Crimp Head for the

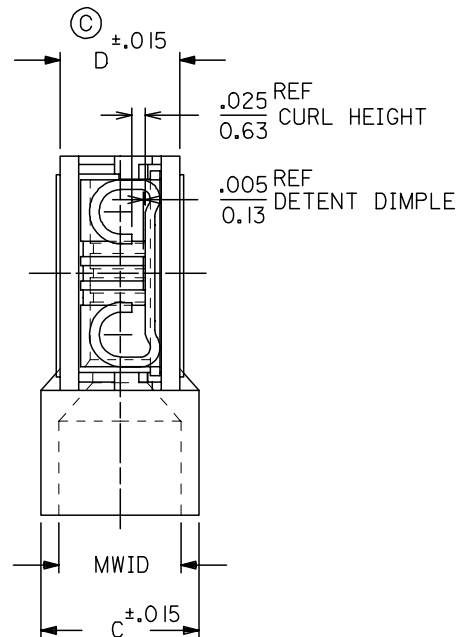
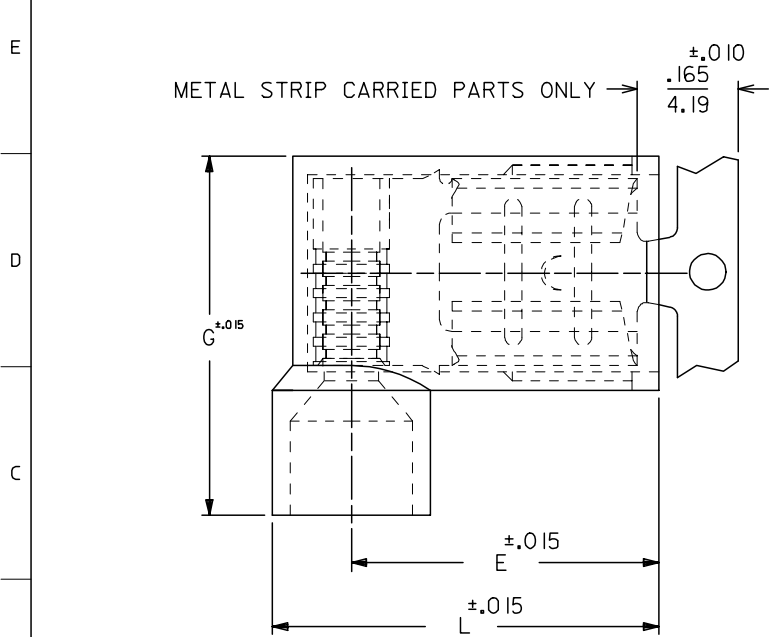
0640054100

AT-200™ Pneumatic

Hand Tool

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

	10	9	8	7	6	5	4	3	2	1	
	MATERIAL NUMBER	ENGINEERING NUMBER	CARRIER STYLE	AWG	COLOR	MWID	L	G	E	C	D (C)
	190070001	AA-2220	LOOSE	22-18	RED	.176/4.47	.630/16.00	.585/14.86	.512/13.00	.236/5.99	.197/5.00
	190070005	AA-2220X	LOOSE	22-18	RED	.240/6.10	.662/16.81	.625/15.88	.512/13.00	.300/7.26	.197/5.00
F	190070021	BB-2221	LOOSE	16-14	BLUE	.200/5.08	.630/16.00	.585/14.86	.500/12.70	.260/6.60	.197/5.00
	190070025	BB-2221X	LOOSE	16-14	BLUE	.265/6.73	.670/17.02	.625/15.88	.500/12.70	.325/8.26	.197/5.00
	190070040	C-2211	LOOSE	12-10	YELLOW	.260/6.60	.667/16.93	.677/17.20	.511/12.98	.311/7.90	.246/6.25
	190070008	AA-2220Z	METAL STRIP	22-18	RED	.176/4.47	.630/16.00	.585/14.86	.512/13.00	.236/5.99	.197/5.00
	190070007	AA-2220XZ	METAL STRIP	22-18	RED	.240/6.10	.662/16.81	.625/15.88	.512/13.00	.300/7.26	.197/5.00
	190070028	BB-2221Z	METAL STRIP	16-14	BLUE	.200/5.08	.630/16.00	.585/14.86	.500/12.70	.260/6.60	.197/5.00
	190070027	BB-2221XZ	METAL STRIP	16-14	BLUE	.265/6.73	.670/17.02	.625/15.88	.500/12.70	.325/8.26	.197/5.00
	190070041	C-2211Z	METAL STRIP	12-10	YELLOW	.260/6.60	.667/16.93	.677/17.20	.511/12.98	.311/7.90	.246/6.25



- NOTES:
1. MWID = MAX. WIRE INSULATION DIA.
 2. ALL DIMENSIONS = INCHES/MM
 3. MATERIAL:
HOUSING: NYLON
TERMINAL: TIN PLATED BRASS
 4. ASSEMBLY IS ROHS COMPLIANT.

REDWN W/DIM. D ADDED EC NO: ETC2007-0229 DRWN: JHLE 2006/12/15 CHKD: JMACNEIL 2006/12/15 APPR: JMACNEIL 2006/12/15 REV C	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 5:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
		 =0  =0		mm	INCH	DRAWN BY RCM	DATE 1989/07/26	TITLE FLAG QUICK DISCONNECT, FULLY INSULATED, .250 X .032 TAB SIZE	
			4 PLACES	± ---	± ---	CHECKED BY JM	DATE 1989/07/26		
			3 PLACES	± ---	± .005				
			2 PLACES	± 0.13	± .01	APPROVED BY FP	DATE 1989/07/26	 MOLEX INCORPORATED	
			1 PLACE	± 0.25	± ---	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-19007-004		SHEET NO. 1 OF 1
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					