

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0190070019](#)  
**Status:** **Active**  
**Description:** Flag InsulKrimp™ Quick Disconnect, Female, for 18-22 (0.80-0.35) Wire, Metal Strip, Tab 4.75mm (.187") x 0.81mm (.0

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-19902-008 \(PDF\)](#)

**General**

Product Family	Quick Disconnects
Series	<a href="#">19007</a>
Crimp Quality Equipment	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	Reel
Polarized to Mating Part	No
Tab Thickness	0.81mm (.032")
Tab Width	4.75mm (.187")
Temperature Range - Operating	-65°C to +105°C
Wire Insulation Diameter	6.10mm (.240") max.
Wire Size AWG	18, 20, 22
Wire Size mm²	0.35 - 0.80

**Electrical**

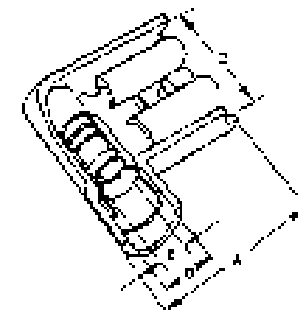
CSA	LR18689
UL	E79133
Voltage - Maximum	600V

**Material Info**

Old Part Number	AA-2223XZ
-----------------	-----------

**Reference - Drawing Numbers**

Product Specification	PS-19902-008
Sales Drawing	CDFLG187



*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](mailto: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.*

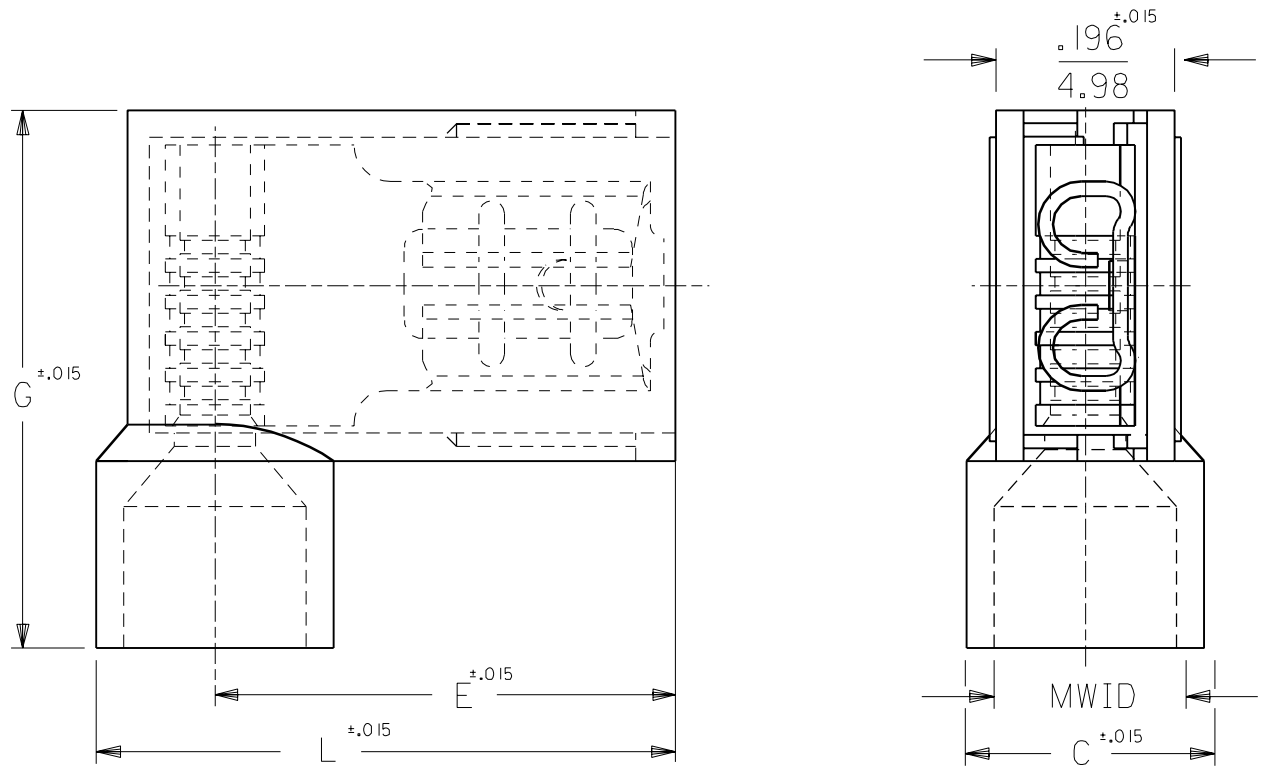
**Global**

Description	Product #
ASP Tool Kit, Perishable, Used in ASP-101RF Press that Processes Metal Strip Product	<a href="#">0192870046</a>
Rear Feed Mini-Mac Applicator for Flag InsulKrimp™ Quick Disconnect Female Terminals, 18-22 AWG	<a href="#">0638026200</a>

This document was generated on 03/04/2010

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

DRWG. NO. CUST. DRWG.



PART NO.	AWG	COLOR	MWID	TAB SIZE	L	G	E	C
AA-2222	22-18	RED	.176/4.47	.187x.020	.630/16.00	.585/14.86	.512/13.00	.236/5.99
AA-2222-X	22-18	RED	.240/6.10	.187x.020	.662/16.81	.625/15.88	.512/13.00	.300/7.62
AA-2223	22-18	RED	.176/4.47	.187x.032	.630/16.00	.585/14.86	.512/13.00	.236/5.99
AA-2223-X	22-18	RED	.240/6.10	.187x.032	.662/16.81	.625/15.88	.512/13.00	.300/7.62
BB-2224	16-14	BLUE	.200/5.08	.187x.020	.630/16.00	.585/14.86	.500/12.70	.260/6.60
BB-2224-X	16-14	BLUE	.265/6.73	.187x.020	.670/17.02	.625/15.88	.500/12.70	.325/8.26
BB-2225	16-14	BLUE	.200/5.08	.187x.032	.630/16.00	.585/14.86	.500/12.70	.260/6.60
BB-2225-X	16-14	BLUE	.265/6.73	.187x.032	.670/17.02	.625/15.88	.500/12.70	.325/8.26

A	TWO METRIC DIM. WERE 15.75 NOW 16.00 06/05/92 RCM
LTR.	REVISIONS

NOTES:  
 1. MWID = MAX. WIRE INSULATION DIA.  
 2. ALL DIMENSIONS = INCHES/MM

DIMENSIONS SHOWN (METRIC) INCH	
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°	
	INCH      METRIC
3 PLACE	± .005    ± ---
2 PLACE	± .01      ± 0.13
1 PLACE	± ---     ± 0.25
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
DRWG. BY RM	CHK'D. BY JM
APP'D. BY FP	SCALE 5: 1

**REVISE ONLY ON CAD SYSTEM**

TITLE  
 FLAG  
 FULLY INSULATED  
 .187x.020, & .032 TAB

PINELLAS PARK, FLA. 33781 U.S.A.		SHEET NO.	DATE
PART NO.		DRWG. NO.	CUST. DRWG.
FILE NAME CDFLG187	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX-ETC INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		DIV. SIZE A