

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0196060005
Status: Active
Description: Avikrimp™ Fully Insulated Quick Disconnect, Female, for 10-12 AWG Wire, Box

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR18689
UL E79133

General

Product Family Quick Disconnects
Series 19606
Crimp Quality Equipment Yes
Product Name Avikrimp™
Type Quick Disconnect

Physical

Barrel Type Closed
Flammability 94V-2
Gender Female
Glow-Wire Compliant No
Insulation Nylon (PA)
Lock to Mating Part None
Material - Metal Brass
Material - Plating Mating Tin
Material - Plating Termination Tin
Orientation Straight
Packaging Type Bag
Plating min: Mating (µin) 100
Plating min: Mating (µm) 2.5
Plating min: Termination (µin) 100
Plating min: Termination (µm) 2.5
Polarized to Mating Part No
Tab Thickness 0.81mm (.032")
Tab Width 6.35mm (.250")
Temperature Range - Operating -65°C to +105°C
Termination Interface: Style Crimp or Compression
Wire Insulation Diameter 5.84mm (.230") max.
Wire Size AWG 10, 12
Wire Size mm² 3.30 - 5.00

Electrical

Voltage - Maximum 300V

Material Info

Old Part Number C-5293

Reference - Drawing Numbers

Sales Drawing SD-19606-401

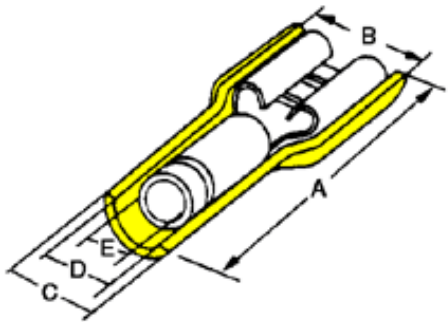


image - Reference only

Series

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

19606Series

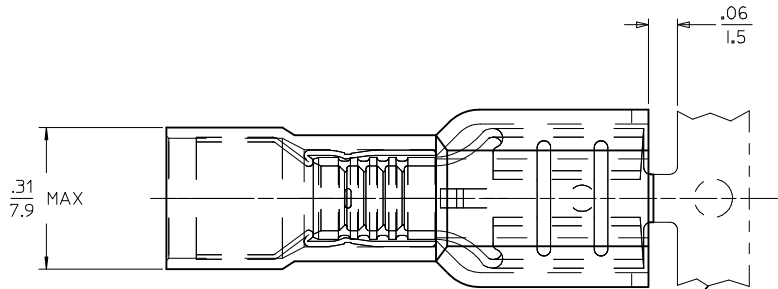
Application Tooling | FAQ

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

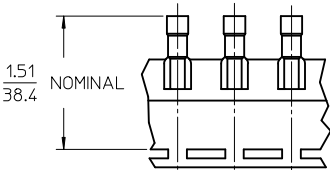
Global

Description	Product #
Hand Crimp Tool	0640010200
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640050200

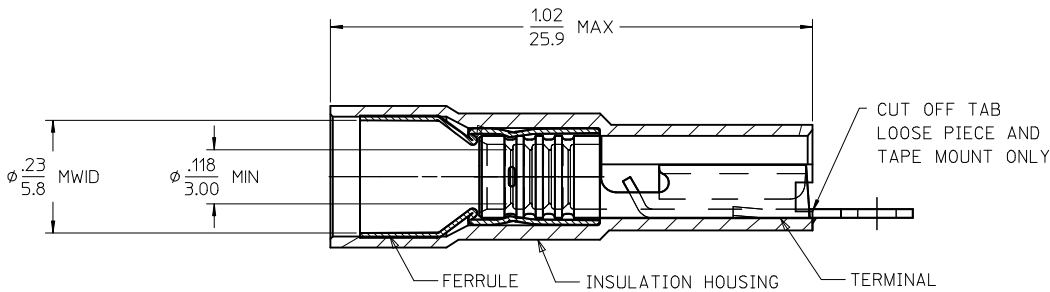
MATERIAL NO.	ENGINEERING P/N	CARRIER STYLE
196060004	C-5293Z	METAL STRIP
196060005	C-5293	LOOSE PIECE
196060006	C-5293T	TAPE MOUNT



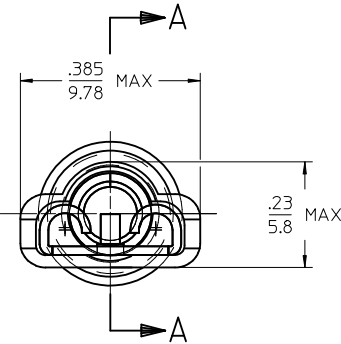
METAL CARRIER STRIP,
METAL STRIP PARTS ONLY



PARTS ON TAPE
SCALE: NONE



SECTION A-A



NOTES:

- MATERIALS:
HOUSING: 94V-2 NYLON, YELLOW
TERMINAL: BRASS, .018/0.46 THICK REF., MATTE TIN PLATED
FERRULE: COPPER ALLOY, MATTE TIN PLATED
- ACCEPTS TAB SIZE .250 x .032 (6.35 x 0.81).
- MWID = MAXIMUM WIRE INSULATION DIAMETER.
- PARTS ARE ROHS COMPLIANT.

RLS, FERRULE MAT'L EC NO: WNA2010-0610 DRWN:ETHRODAHL 2010/03/31 CHKD:JMACNEIL 2010/03/31 APPR:JMACNEIL 2010/04/12 A		DESCRIPTION REV	QUALITY SYMBOLS ▼=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>2 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>1 PLACE</td><td>± ---</td><td>± ---</td></tr></table> ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± ---	± ---	1 PLACE	± ---	± ---	DIMENSION STYLE IN/MM <table><tr><td>DRAWN BY</td><td>DATE</td></tr><tr><td>ETHRODAHL</td><td>2010/03/31</td></tr><tr><td>CHECKED BY</td><td>DATE</td></tr><tr><td>JMACNEIL</td><td>2010/03/31</td></tr><tr><td>APPROVED BY</td><td>DATE</td></tr><tr><td>JMACNEIL</td><td>2010/04/09</td></tr></table> MATERIAL NO. SEE CHART SIZE C		DRAWN BY	DATE	ETHRODAHL	2010/03/31	CHECKED BY	DATE	JMACNEIL	2010/03/31	APPROVED BY	DATE	JMACNEIL	2010/04/09	SCALE 5:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION 
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				TITLE FIQD FEMALE AVIKRIMP LOW PROFILE .250X.032 TAB, 12-10 AWG  MOLEX INCORPORATED DOCUMENT NO. SD-19606-003 SHEET NO. 1 OF 1																																	
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