

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0190030005**
Status: **Active**
Description: InsulKrimp™ Quick Disconnect, Female, Box, Tab 6.35mm (.250") x 0.81mm (.032")

Documents:

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

Agency Certification

UL E79133

General

Product Family Quick Disconnects
 Series [19003](#)
 Comments Funnel Entry
 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 - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin Nylon
 Orientation Straight
 Packaging Type Bag
 Plating min: Mating (µin) 160
 Plating min: Mating (µm) 4
 Plating min: Termination (µin) 160
 Plating min: Termination (µm) 4
 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 Size AWG 18, 20, 22

Electrical

Voltage - Maximum 600V

Material Info

Old Part Number AA-2201VN

Reference - Drawing Numbers

Product Specification PS-19902-008
 Sales Drawing SD-19003-001

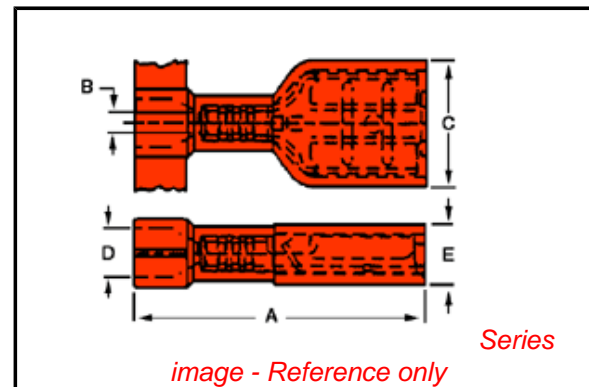


image - Reference only

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

[19003Series](#)

Application Tooling | FAQ

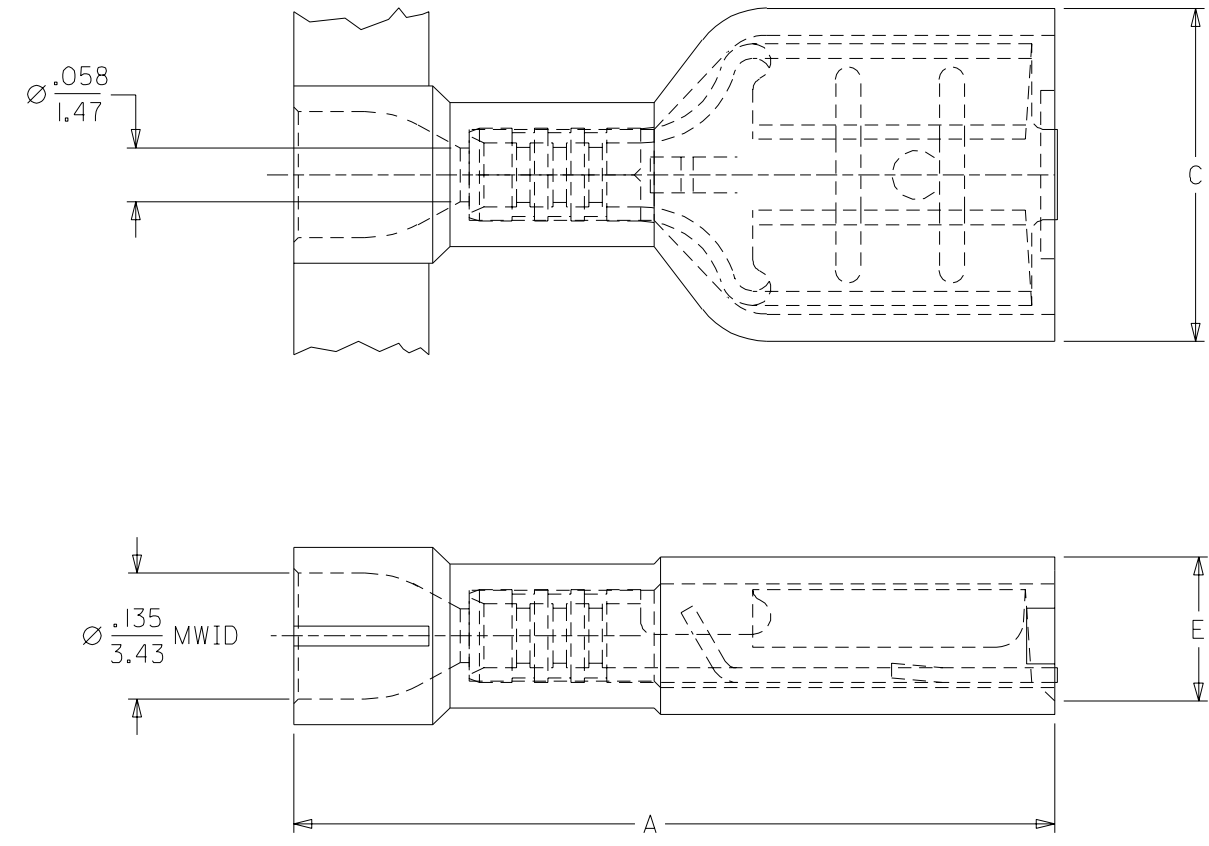
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
Hand Crimp Tool	0640010400
Hand Crimp Tool	0640010700
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640050400

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MATERIAL NUMBER	ENGINEERING NUMBER	FITS MALE TAB SIZE	"A" MAX.	"C" MAX.	"E" MAX.	CARRIER CONFIGURATION
190030126	AA-2202V	.187X.020	.78/19.8	.316/8.03	.160/4.06	LOOSE PIECE
190030127	AA-2202VT	.187X.020	.78/19.8	.316/8.03	.160/4.06	TAPE MOUNT
190030128	AA-2202VC	.187X.020	.78/19.8	.316/8.03	.160/4.06	PLASTIC STRIP
190030129	AA-2203V	.187X.032	.78/19.8	.316/8.03	.160/4.06	LOOSE PIECE
190030130	AA-2203VT	.187X.032	.78/19.8	.316/8.03	.160/4.06	TAPE MOUNT
190030131	AA-2203VC	.187X.032	.78/19.8	.316/8.03	.160/4.06	PLASTIC STRIP
190030005	AA-220IVN	.250X.032	.86/21.8	.380/9.65	.180/4.57	LOOSE PIECE
190030007	AA-220IVNT	.250X.032	.86/21.8	.380/9.65	.180/4.57	TAPE MOUNT
190030111	AA-220IVNC	.250X.032	.86/21.8	.380/9.65	.180/4.57	PLASTIC STRIP



- NOTES:
- ① MATERIAL: TERMINAL: BRASS .016/0.41.
PLATING: ELECTRO-TIN
INSULATION: NYLON 6/6 94V-0 RATING
COLOR: RED
 - 2. MWID = MAXIMUM WIRE INSULATION DIAMETER.
 - 3. ALL DIMENSIONS = INCHES/MM

SALES DRAWING

REV'D NYLON COLOR EC NO. ETC2004-0101 DRWN: BRE 03/11/21 CHK: HEB 03/11/21 APPR: RWD 03/11/21	QUALITY SYMBOLS MAJOR $\blacktriangle = 0$ CRITICAL $\triangle = 0$	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE NO: NE	DESIGN UNITS <input type="checkbox"/> mm <input checked="" type="checkbox"/> INCH	THIRD ANGLE PROJECTION <input checked="" type="checkbox"/> <input type="checkbox"/>	DIMENSIONS: <input type="checkbox"/> mm <input checked="" type="checkbox"/> INCH <input type="checkbox"/> mm ONLY	SHT	REV
		4 PLACES $\pm 0.---$	$\pm .---$	DRAWN BY & DATE HEB 01/06/07		TITLE: FIQD FEMALE, INSULKRIMP 94V-0 MATERIAL 22-18 AWG			
		3 PLACES $\pm 0.---$	$\pm .005$	CHECKED BY & DATE RWD 01/06/07					
		2 PLACES ± 0.13	$\pm .01$	APPROVED BY & DATE RWD 01/06/07		MOLEX INCORPORATED			
1 PLACE ± 0.25	$\pm .---$	CAD FILENAME S19003001.DGN		MATERIAL NO. SEE TABLE	DRAWING NO. SD-19003-001				
ANGULAR: $\pm 1/2^\circ$		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.				SIZE B