

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0190350009](#)
Status: **Active**
Description: Avikrimp™ Snap Plug, for 14-16 AWG Wire, Box, 22.55mm (.888") Length

Documents:

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

Agency Certification

CSA LR18689
 UL E152602

General

Product Family Quick Disconnects
 Series [19035](#)
 Comments Molded Nylon Insulation
 Crimp Quality Equipment Yes
 MolexKits Yes
 Product Name Avikrimp™
 Type Snap Plug

Physical

Barrel Type Closed
 Color - Resin Natural
 Flammability 94V-0
 Gender Male
 Glow-Wire Compliant No
 Insulation Nylon (PA)
 Lock to Mating Part None
 Material - Metal Copper
 Material - Resin Nylon
 Orientation Straight
 Packaging Type Bag
 Tab Thickness N/A
 Tab Width N/A
 Wire Insulation Diameter 4.32mm (.170") max.
 Wire Size AWG 14, 16
 Wire Size mm² 1.30 - 2.00

Electrical

Voltage - Maximum N/A

Material Info

Old Part Number B-589

Reference - Drawing Numbers

Sales Drawing SD-19035-001

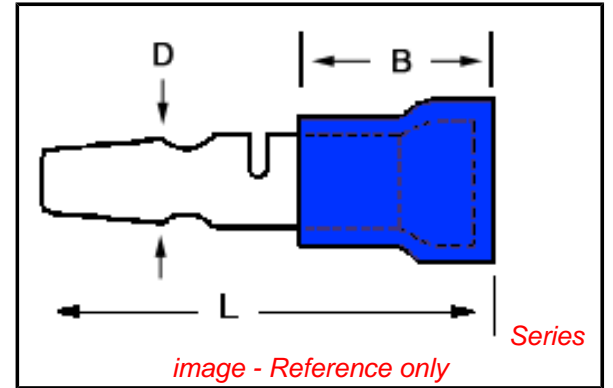


image - Reference only

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

[19035Series](#)

Application Tooling | [FAQ](#)

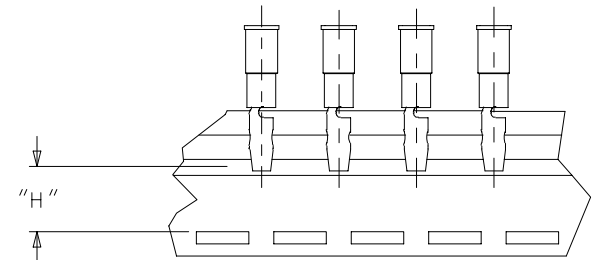
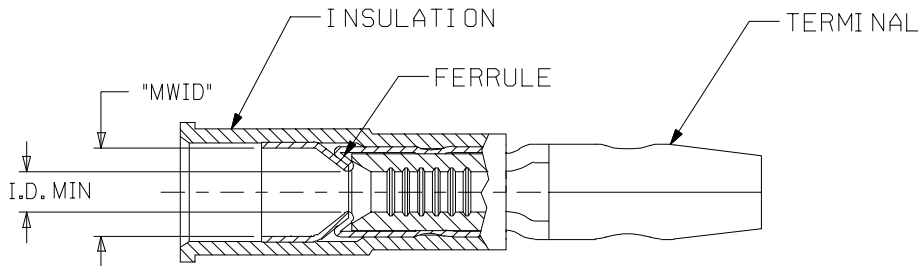
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

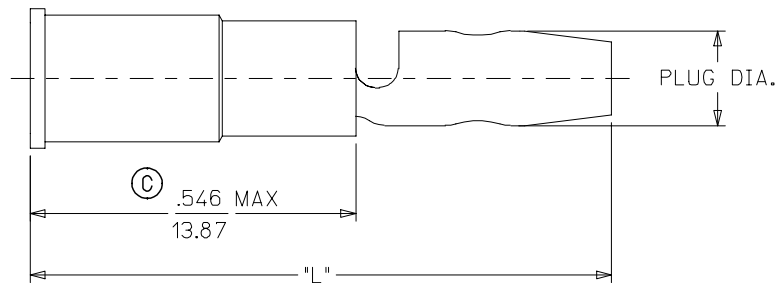
| Description | Product # |
|--|----------------------------|
| Hand Crimp Tool | 0640010100 |
| Hand Crimp Tool | 0640011400 |
| Crimp Head for the AT-200™ Pneumatic Hand Tool | 0640050100 |
| Crimp Head for the AT-200™ Pneumatic Hand Tool | 0640051400 |

| LOOSE PIECE | | TAPE MOUNTED | | WIRE RANGE AWG | INSULATION COLOR | I.D. MIN. | PLUG DIA. | MAX "L" | "MWID" | "H" ±.010/0.25 |
|--------------|----------|--------------|----------|-------------------|---------------------|-----------|--------------|-------------|-----------|-------------------|
| MATERIAL NO. | ENG. NO. | MATERIAL NO. | ENG. NO. | | | | | | | |
| 190350001 | A-559 | 190350002 | A-559T | 18-22 | RED | .056/1.42 | .180/4.57 | 1.046/26.57 | .140/3.56 | .495/12.57 |
| 190350003 | A-569 | 190350004 | A-569T | 18-22 | RED | .056/1.42 | .156/3.96 | .986/25.04 | .140/3.56 | .555/14.10 |
| 190350005 | B-579 | 190350008 | B-579T | 14-16 | BLUE | .084/2.13 | .180/4.57 | 1.046/26.57 | .170/4.32 | .495/12.57 |
| 190350009 | B-589 | 190350012 | B-589T | 14-16 | BLUE | .084/2.13 | .156/3.96 | .986/25.04 | .170/4.32 | .555/14.10 |

©



TAPE MOUNTING DETAIL



SALES DRAWING

NOTE:

1. TERMINAL: MATERIAL COPPER .032 MAX
FINISH: ELECTRO-TIN.
FERRULE : MATERIAL: BRASS
FINISH: ELECTRO-TIN.
INSULATION: NYLON.
2. MWID = MAXIMUM WIRE INSULATION DIAMETER.
3. ASSEMBLY IS ROHS COMPLIANT.

©

| | | | | | | | | |
|---|-------------------------------|--|-----------------------|--------------------------|---|---|------------------------|--|
| CORRECTED DIM. & ADDED ROHS EC NO: ETC2007-0397 DRW: NEHLE 2007/04/27 CHKD: JMACNEIL 2007/05/09 APPR: JMACNEIL 2007/05/10 | QUALITY SYMBOLS ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE IN/MM | SCALE --- | DESIGN UNITS INCH | THIRD ANGLE PROJECTION | |
| | | 4 PLACES ± --- ± --- | 3 PLACES ± --- ± .005 | DRAWN BY BRE | DATE 2003/02/13 | TITLE MALE BULLET SNAP PLUG, MOLDED, AVIKRIMP | | |
| | | 2 PLACES ± 0.13 ± .01 | 1 PLACE ± 0.25 ± --- | CHECKED BY HEB | DATE 2003/02/13 | MATERIAL NO. SEE CHART | | |
| | | ANGULAR ±1/2° | | APPROVED BY RWD | DATE 2003/02/13 | DOCUMENT NO. SD-19035-001 | | |
| REV | DESCRIPTION | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | SIZE B | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |