

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

**Part Number:** **0190350004**  
**Status:** **Active**  
**Description:** Avikrimp™ Snap Plug, for 18-22 AWG Wire, Mylar Tape, 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  
 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 Adhesive Tape on Reel  
 Tab Thickness N/A  
 Tab Width N/A  
 Wire Insulation Diameter 3.60mm (.142") max.  
 Wire Size AWG 18, 20, 22  
 Wire Size mm² 0.35 - 0.80

**Electrical**

Voltage - Maximum N/A

**Material Info**

Old Part Number A-569T

**Reference - Drawing Numbers**

Sales Drawing SD-19035-001

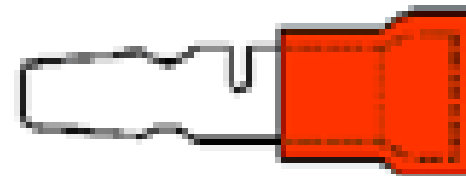


image - Reference only

Series

**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
 Not Reviewed  
**Halogen-Free**  
**Status**

**China RoHS**



**Not Reviewed**

**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**

19035Series

**Application Tooling | FAQ**

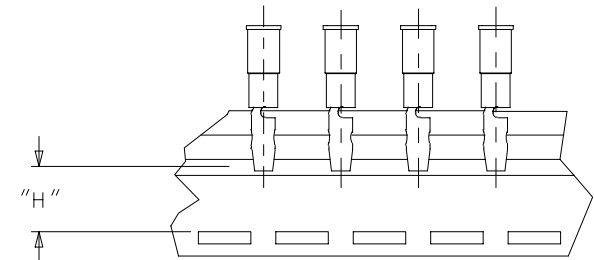
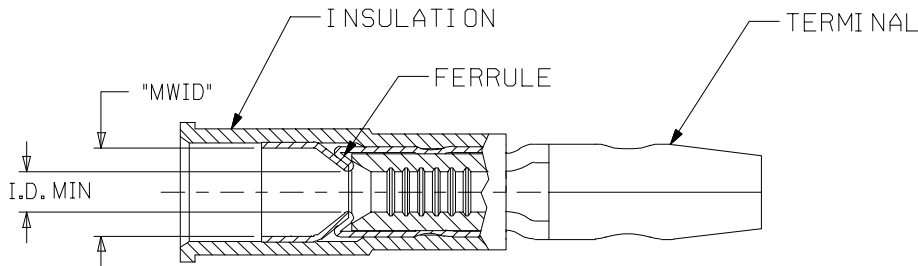
*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

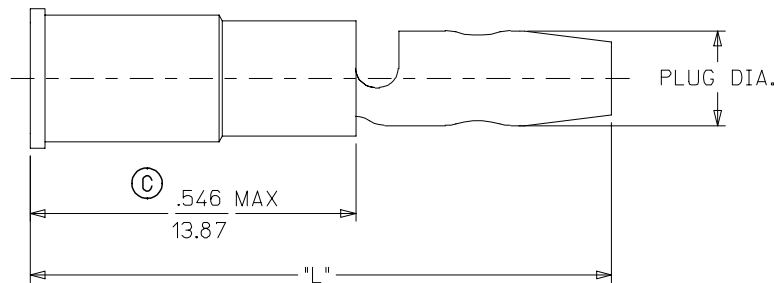
Description	Product #
Crimp Dies for MTA-100 Tape Applicator used in 3BF Press, MTA-105 Tape Applicator used in TM-2000™ Press, and ATP-301 Air Crimping Press for Mylar Tape Mounted Terminals	<u>0192880004</u>
Mini-Mac™ Applicator	<u>0638853300</u>

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)	
	mm	INCH
4 PLACES	± .005	± .0005
3 PLACES	± .010	± .0010
2 PLACES	± 0.13	± .01
1 PLACE	± 0.25	± .01
ANGULAR		±1/2°

DRAFT WHERE APPLICABLE  
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
IN/MM		---	INCH	☉
DRAWN BY	DATE	TITLE		
BRE	2003/02/13	MALE BULLET SNAP PLUG, MOLDED, AVIKRIMP		
CHECKED BY	DATE	MOLEX INCORPORATED		
HEB	2003/02/13	SD-19035-001		
APPROVED BY	DATE	SHEET NO.		
RWD	2003/02/13	1 OF 1		
MATERIAL NO.	DOCUMENT NO.	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
SEE CHART				