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Part Number: **0190350002**
Status: **Active**
Description: Avikrimp™ Snap Plug, for 18-22 AWG Wire, Mylar Tape, 24.08mm (.946") 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 - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin Nylon
 Orientation Straight
 Packaging Type Adhesive Tape on Reel
 Tab Thickness N/A
 Tab Width N/A
 Termination Interface: Style Crimp or Compression
 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-559T

Reference - Drawing Numbers

Sales Drawing SD-19035-001

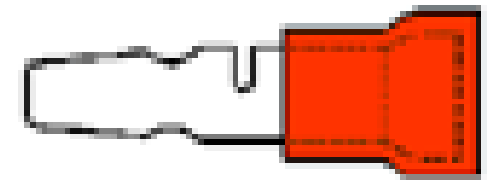


image - Reference only

Series

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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.

China RoHS



Search Parts in this Series

[19035Series](#)

Application Tooling | FAQ

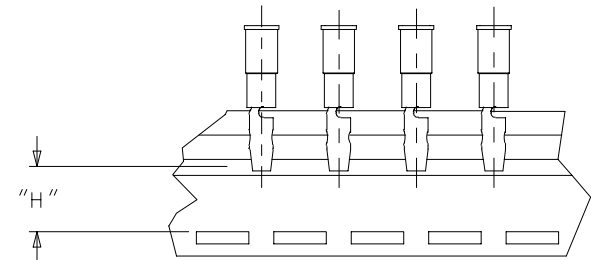
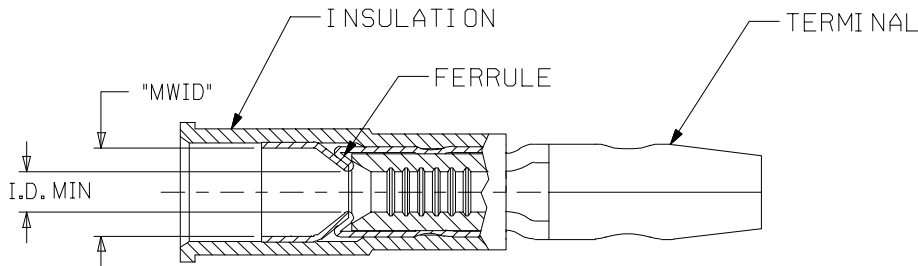
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

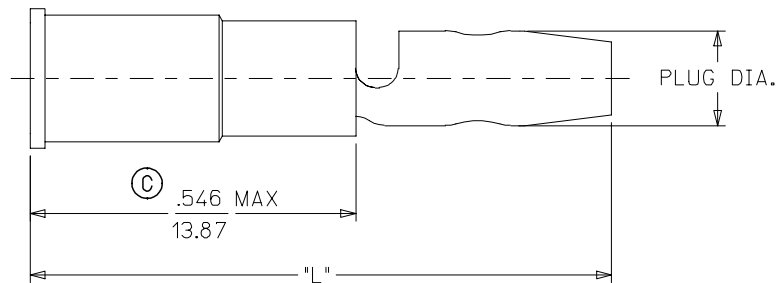
Description	Product #
Crimp Dies for MTA-100 Tape Applicator used in 3BF Press, MTA-105 Tape Applicator used in TM-2000™ Press, and ATP-301 Air Crimping Press for Mylar Tape Mounted Terminals	0192880004

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	
			mm	INCH	DRAWN BY BRE	DATE 2003/02/13	TITLE MALE BULLET SNAP PLUG, MOLDED, AVIKRIMP		
		4 PLACES ± ---	± ---	± ---	CHECKED BY HEB	DATE 2003/02/13	MOLEX INCORPORATED		
		3 PLACES ± ---	± .005	± .01	APPROVED BY RWD	DATE 2003/02/13	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-19035-001	SHEET NO. 1 OF 1
		2 PLACES ± 0.13	± .01	ANGULAR ±1/2°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
		1 PLACE ± 0.25	± ---		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				