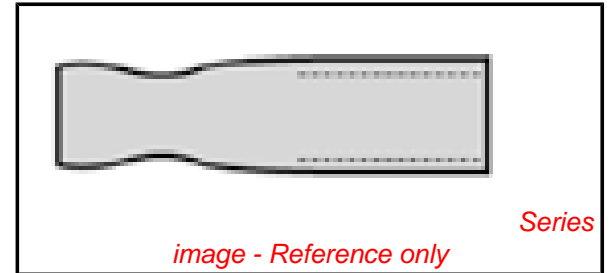


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0191640414**
Status: **Active**
Description: Perma-Seal™ Snap Plug Receptacle for 14-16 AWG Wire, Diameter 3.96mm (.156"), Mylar Tape Carrier

Documents:

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



Agency Certification

UL E152602

General

Product Family Quick Disconnects
 Series 19164
 Crimp Quality Equipment Yes
 Product Name Perma-Seal™
 Type Snap Receptacle

Physical

Barrel Type Closed
 Color - Resin Natural
 Flammability 94V-2
 Gender Female
 Glow-Wire Compliant No
 Insulation NiAc™
 Lock to Mating Part None
 Material - Metal Brass
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin Nylon
 Orientation Straight
 Packaging Type Adhesive Tape on Reel
 Plating min: Mating (µin) 160
 Plating min: Mating (µm) 4
 Plating min: Termination (µin) 160
 Plating min: Termination (µm) 4
 Tab Thickness N/A
 Tab Width N/A
 Temperature Range - Operating -55°C to +125°C
 Termination Interface: Style Crimp or Compression
 Wire Insulation Diameter 3.81mm (.150") max.
 Wire Size AWG 14, 16
 Wire Size mm² 1.00 - 2.50

Electrical

Voltage - Maximum 600V

Material Info

Old Part Number SBRB-8156NT

Reference - Drawing Numbers

Sales Drawing SD-19164-035

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

[19164Series](#)

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

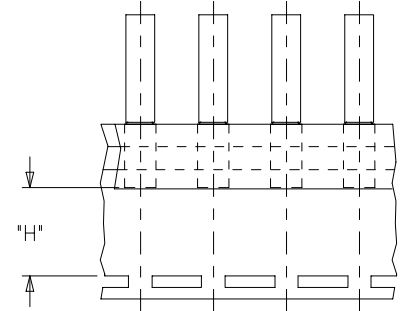
Description

Product #

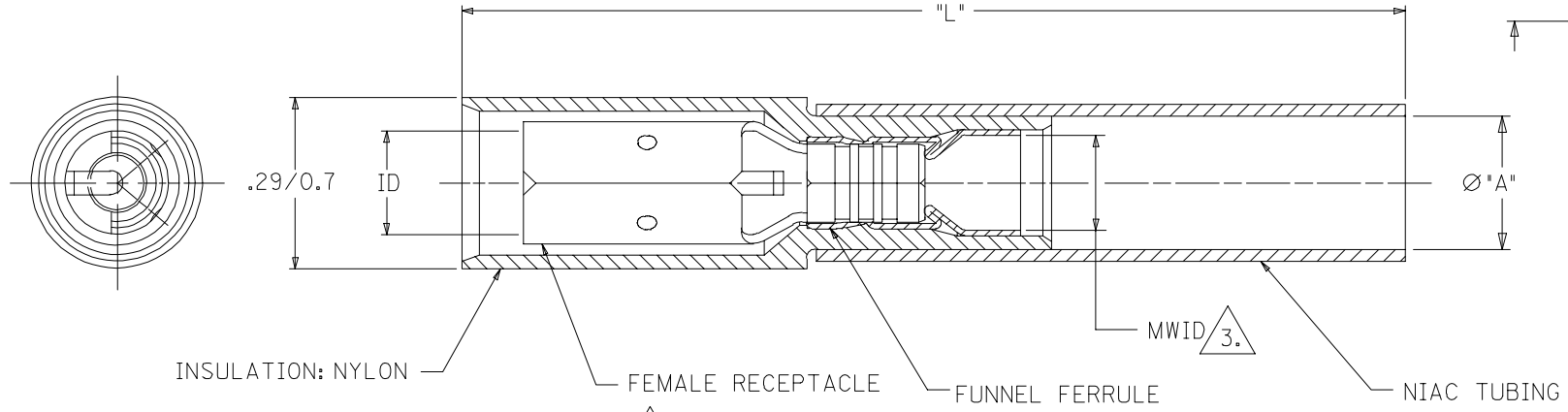
ATP Perishable Tool [0192880410](#)
 Kit Used in ATP
 Presses that Process
 Product on Tape

MATERIAL NUMBER	ENGINEERING NUMBER	MATERIAL NUMBER ON TAPE	ENGINEERING NUMBER ON TAPE	AWG	COLOR CODE	MWID	"ID" MIN	"L" MAX	"A" MIN	H ±.01/.3
191640052	SBRA-8156N	N/A	N/A	22-18	RED	.13/3.3	.156/3.96	1.58/40.1	.235/5.97	N/A
191640053	SBRA-8180N	N/A	N/A	22-18	RED	.13/3.3	.180/4.57	1.60/40.6	.235/5.97	N/A
191640054	SBRB-8156N	191640414	SBRB-8156NT	16-14	BLUE	.15/3.81	.156/3.96	1.60/40.6	.230/5.84	.39/9.9
191640055	SBRB-8180N	N/A	N/A	16-14	BLUE	.15/3.81	.180/4.57	1.60/40.6	.230/5.84	N/A

ⓓ



PARTS ON TAPE



- NOTES:
- 1. TERMINAL MATERIAL: COPPER PLATING: TIN
 - 2. INSULATION MATERIAL: HEAT SHRINKABLE NIAC TUBING W/ HOT-MELT ADHESIVE INNER LINER
 - 3. MWID= MAXIMUM WIRE INSULATION DIAMETER

CHANGED "A" DIM EC NO: ETC2006-0154 DRWN: ASAYDEH 2005/12/21 CHKD: JLOMASTR 2005/12/21 APPR: JPAWLICK 2005/12/21	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
	DESCRIPTION	mm INCH	DIMENSION STYLE IN/MM		TITLE	
	REV	4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± .25 ± .01 1 PLACE ± .5 ± .02 ANGULAR ± .5 °	DRAWN BY DATE BENDERLE 2004/09/08		FULLY INSULATED AVIKRIMP PERMA-SEAL BULLET RECEPT .156/3.96-.180/4.57 DIA.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	CHECKED BY DATE R DEROSS 2004/09/08		MOLEX INCORPORATED	
			APPROVED BY DATE R DEROSS 2004/09/08		MATERIAL NO. SEE CHART	DOCUMENT NO. SD-19164-035
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			