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Part Number: [0191640077](#)
Status: **Active**
Description: Perma-Seal™ Step Down Butt Splice from 10-12 AWG to 14-16 AWG

Documents:

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

General

Product Family	Splices
Series	19164
Comments	Step down: 10/12 to 14/16 AWG
Crimp Quality Equipment	Yes
Mil-Spec	N/A
Product Name	Butt - Step Down, Perma-Seal™

Physical

Barrel Type	Closed
Insulation	NiAc™
Packaging Type	Bag
Temperature Range - Operating	-55°C to +125°C
Wire Insulation Diameter	7.75mm (.305") max
Wire Size AWG	10, 12, 14, 16
Wire Size mm²	1.23 - 5.01

Electrical

Voltage - Maximum	600V
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Material Info

Old Part Number	SCB-646
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Reference - Drawing Numbers

Sales Drawing	SD-19164-028
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Series

image - Reference only

EU RoHS

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

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](#)

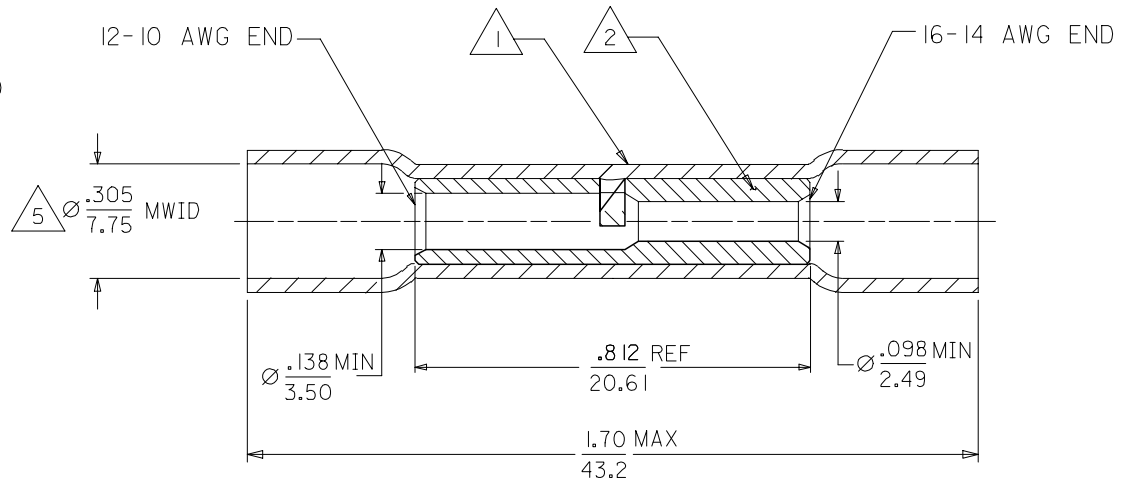
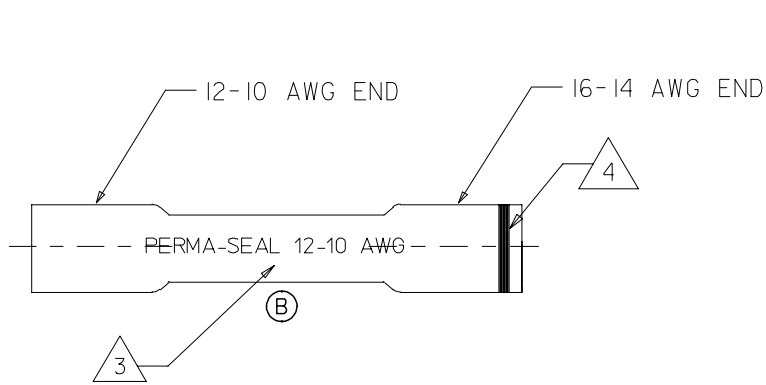
Application Tooling | FAQ

*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 #
Hand Crimp Tool	0640014500
Hand Crimp Tool, UL Approved	0640017400
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640054500
Power Crimp Tool Head for Prema-Seal™ Terminals 10-22 AWG	0640057400

MATERIAL NUMBER	ENGINEERING NUMBER
191640077	SBA-646



NOTES.

- 1. INSULATION MATERIAL: HEAT SHRINKABLE TUBING WITH HOTMELT INNER LINER. COLOR YELLOW.
- 2. SEAMLESS TIN PLATED COPPER TERMINAL.
- 3. PRINTED TEXT IN BLACK .06 HIGH AS SHOWN. DIRECTION CAN BE REVERSED DUE TO MFG PROCESSES.
- 4. BLUE STRIPE ORIENTATED ON 16-14 AWG END OF CONNECTOR.
- 5. MWID-MAXIMUM WIRE INSULATION DIAMETER.

SALES DRAWING

ADDED *PERMA-SEAL* EC NO: ETC2005-0220 DRW:DMYRICK 2005/06/16 CHK:RDEROSS 2005/06/16 APPR:RDEROSS 2005/06/20	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE IN/MM	SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
	$\nabla=0$ $\nabla=0$	4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ±1/2°	DRAWN BY DATE BENDERLE 2002/10/01 CHECKED BY DATE HBEITZEL 2002/10/01 APPROVED BY DATE RDEROSS 2002/10/01	TITLE	STEP DOWN BUTT SPLICE PERMA-SEAL NIAC 12-10 AWG 16-14 AWG	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE CHART SIZE B	DOCUMENT NO. SD-19164-028 MOLEX INCORPORATED	SHEET NO. 1 OF 1		
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					