This document was generated on 03/16/2010

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Part Number: 0191640043
Status: Active
Description: Perma-Seal™ Step Down Butt Splice for 14-16 AWG to 18-22 AWG Wire

Documents:
Drawing (PDF) | RoHS Certificate of Compliance (PDF)

General

Product Family	Splices
Series	19164
Comments	Step down: 14/16 to 18/22 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	5.84mm (.230") max
Wire Size AWG	14, 16, 18, 20, 22
Wire Size mm²	1.94 - 0.38

Electrical

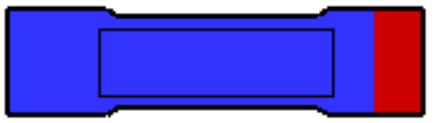
Voltage - Maximum	600V

Material Info

Old Part Number	SBA-631

Reference - Drawing Numbers

Sales Drawing	SD-19164-029



Series 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
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.

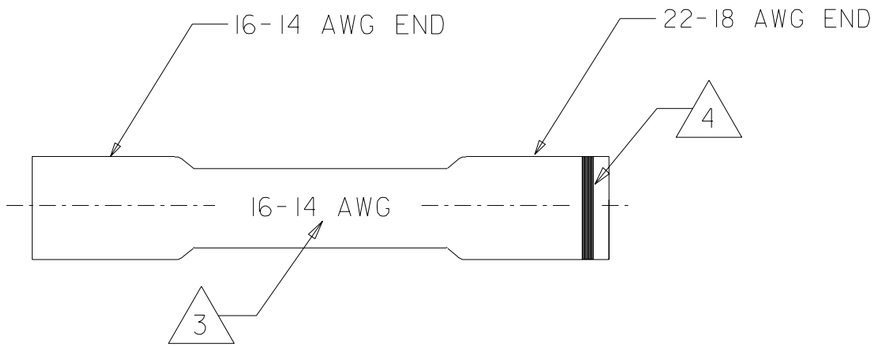
Global

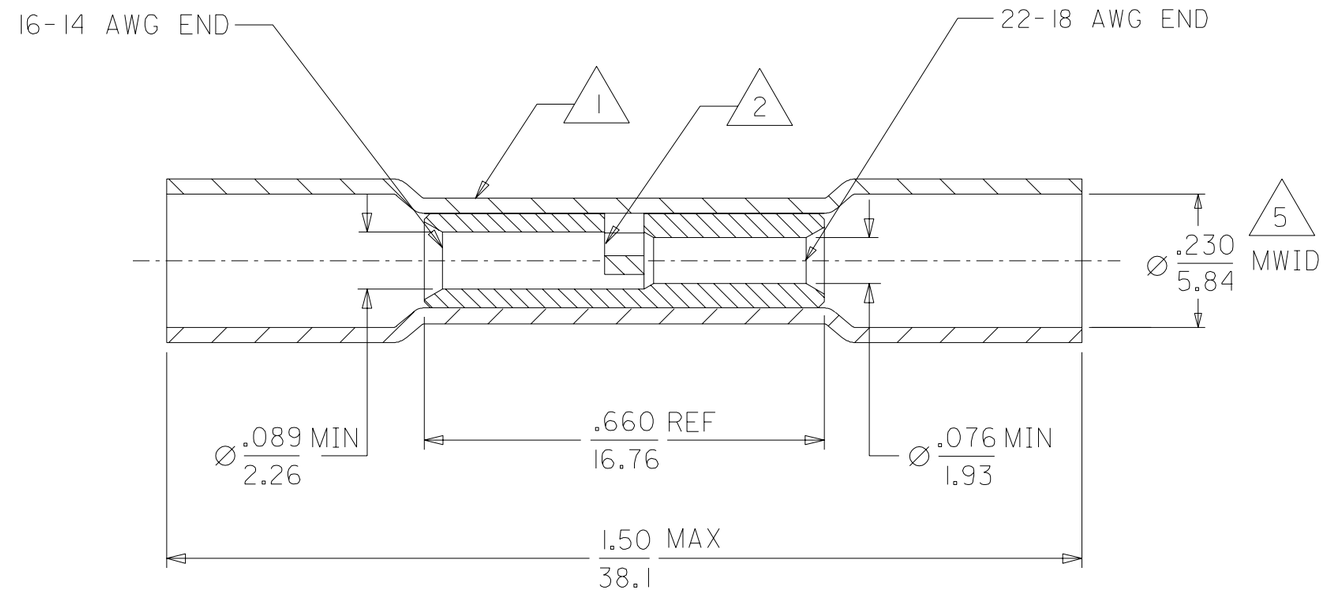
Description	Product #
Hand Crimp Tool	0640014500
Hand Crimp Tool, UL Approved	0640017400
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640054500
Power Crimp Tool Head for Prema-Seal™ Terminals 10-22 AWG	0640057400

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MATERIAL NUMBER	ENGINEERING NUMBER
191640043	SBA-631





NOTES,

1. INSULATION MATERIAL: HEAT SHRINKABLE TUBING WITH HOTMELT INNER LINER, COLOR BLUE.
2. SEAMLESS TIN PLATED COPPER TERMINAL.
3. PRINTED TEXT IN BLACK .06 HIGH AS SHOWN. DIRECTION CAN BE REVERSED DUE TO MFG PROCESSES.
4. RED STRIPE ORIENTATED ON 22-18 AWG END OF CONNECTOR.
5. MWID-MAXIMUM WIRE INSULATION DIAMETER.

SALES DRAWING

REV	DESCRIPTION
A	NEW RELEASE EC NO. ETC2003-0088 DRWN: BRE 03/01/30 CH'K: HEB 03/01/30 APPR: RWD 03/01/30

QUALITY SYMBOLS
MAJOR ▼ =0
CRITICAL (C) =0

GENERAL TOLERANCES: (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±0.	±.
3 PLACES	±0.	±.005
2 PLACES	±0.13	±.01
1 PLACE	±0.01	±.
ANGULAR: ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE NO:NE | DESIGN UNITS ☐mm ☒INCH | THIRD ANGLE PROJECTION | DIMENSIONS: ☐ mm/INCH ☒ INCH/mm ☐ mm ONLY | SHT | REV | REVISE ON CAD ONLY

DRAWN BY & DATE: RCM 91/10/28
CHECKED BY & DATE: JM 91/10/28
APPROVED BY & DATE: FP 91/10/28
CAD FILENAME: SD-19164-029 .DGN

TITLE: STEP DOWN BUTT SPLICE PERMA-SEAL 16-14 AWG TO 22-18 AWG

MOLEX INCORPORATED

MATERIAL NO.	DRAWING NO.	SHEET NO.
SEE CHART	SD-19164-029	1 OF 1

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SIZE B