This document was generated on 06/04/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0191640056
Status: Active
Description: Perma-Seal™ Butt Splice for 10-12 AWG Wire

Agency Certification

CSA	LR18689
UL	E32244

General

Product Family	Splices
Series	19164
Crimp Quality Equipment	Yes
Mil-Spec	N/A
MolexKits	Yes
Product Name	Butt, Perma-Seal™

Physical

Barrel Type	Closed
Flammability	94V-0
Insulation	NiAc™
Packaging Type	Bag
Temperature Range - Operating	-55°C to +125°C
Wire Insulation Diameter	7.87mm (.310") max
Wire Size AWG	10, 12
Wire Size mm²	3.09 - 5.01

Electrical

Voltage - Maximum	600V

Material Info

Old Part Number	SC-12-10

Reference - Drawing Numbers

Sales Drawing	SD-19164-017

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.

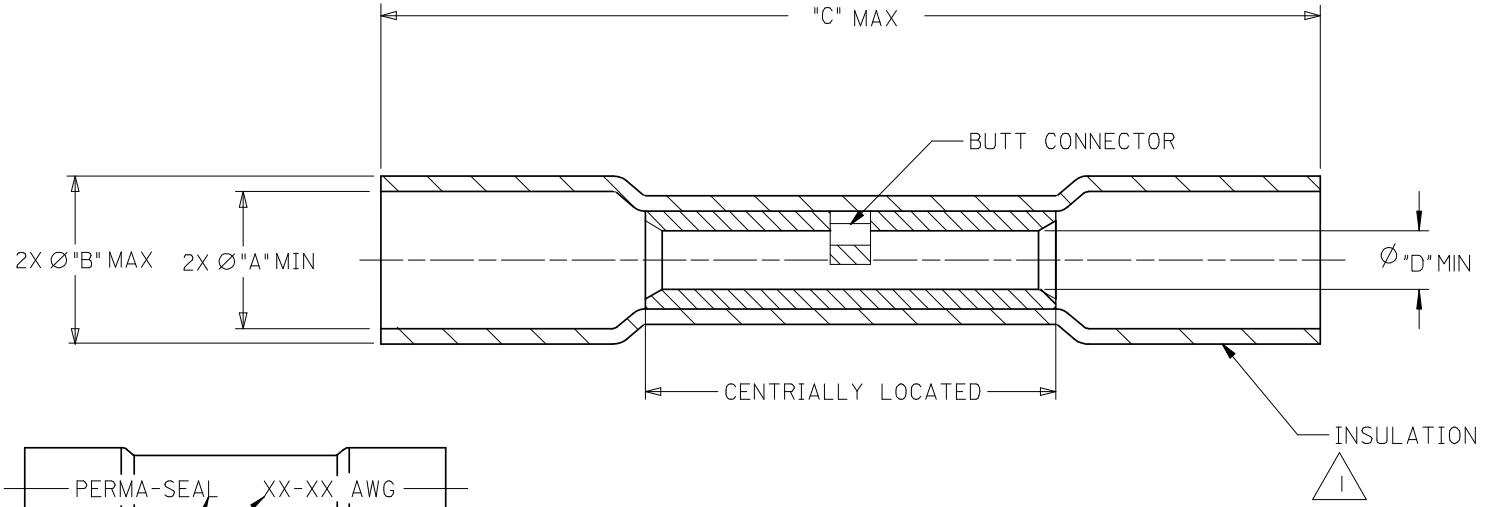
Global

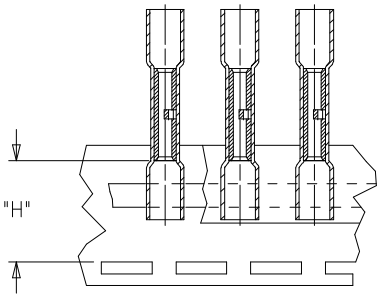
Description	Product #
Power Crimp Tool Head for Prema-Seal™ Terminals 10-22 AWG	0640057400
Hand Crimp Tool, UL Approved	0640017400

This document was generated on 06/04/2010

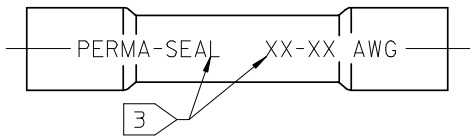
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

MATERIAL NUMBER	ENGINEERING NUMBER	MYLAR TAPE MATERIAL NUMBER	MYLAR TAPE ENGINEERING NUMBER	PERMA-SEAL COLOR	WIRE AWG (3)	"A" (F) MIN	"B" Ø MAX	(F) "C" MAX	"H" ±.010/0.25	"D" MIN
191640013	SAA-22-18	191640014	SAA-22-18T	RED	22-18	.185/4.70	.280/7.11	1.55/39.4	.767/19.48	.059/1.50
191640044	SBB-16-14	191640045	SBB-16-14T	BLUE	16-14	.195/4.95	.308/7.82	1.55/39.4	.727/18.47	.091/2.31
191640056	SC-12-10	191640057	SC-12-10T	YELLOW	12-10	.275/6.99	.383/9.73 (F)	1.80/45.7	.800/23.32	.139/3.53 (F)
191640079	(F) SD-354	---	---	RED	8	.300/7.62	.448/11.38	2.05/52.4	---	.165/4.19





TAPE MOUNTING LOCATION



SALES DRAWING

NOTES,

1. INSULATION MATERIAL: HEAT SHRINKABLE TUBING WITH HOTMELT INNER LINER. SEE CHART FOR COLOR.
2. SEAMLESS TIN PLATED COPPER TERMINAL.
3. PRINTED TEXT IN BLACK APPROXIMATELY .12 (3.0) HIGH.
4. (F) PART IS ROHS COMPLIANT.

UPDATE MAX LNGTH
EC NO: WNA2008-0006 2007/12/20
DRWN:ETHRODAHL 2007/12/29
CHKD:JMACNEIL 2008/01/08
APPR:JMACNEIL
DESCRIPTION
REV

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 1:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: BRE DATE: 2002/03/22
CHECKED BY: HEB DATE: 2002/03/22
APPROVED BY: RWD DATE: 2002/03/22

TITLE: PERMA-SEAL NIAC BUTT CONNECTORS

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-19164-017
SHEET NO.: 1 OF 1
SIZE: B

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION