This document was generated on 03/16/2010

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Part Number: 0191640057
Status: Active
Description: Perma-Seal™ Butt Splice for 10-12 AWG Wire, Mylar Tape Carrier

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

Series image - Reference only

Agency Certification

CSA	LR18689
UL	E32244

General

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

Physical

Barrel Type	Closed
Flammability	94V-0
Insulation	NiAc™
Packaging Type	Adhesive Tape on Reel
Temperature Range - Operating	-55°C to +125°C
Wire Insulation Diameter	7.8mm (.31") max
Wire Size AWG	10, 12
Wire Size mm²	3.09 - 5.01

Electrical

Voltage - Maximum	600V

Material Info

Old Part Number	SC-12-10T

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 #
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	0192880279
Hand Crimp Tool, UL Approved	0640017400
Power Crimp Tool Head for Prema-	0640057400

Seal™ Terminals
10-22 AWG

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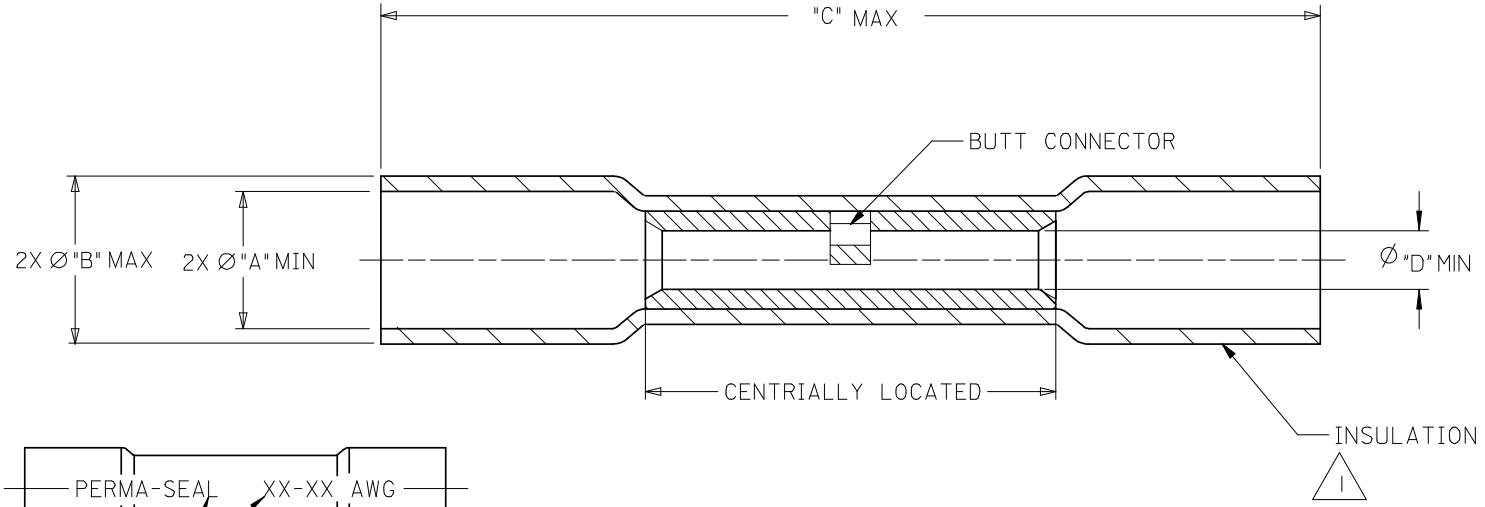
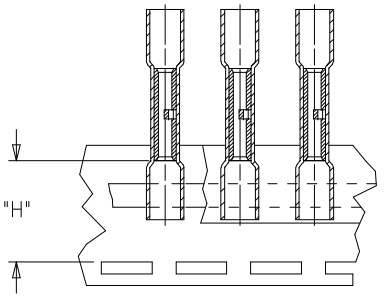
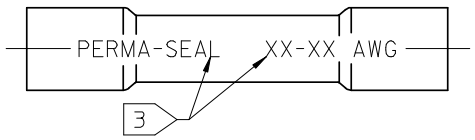
MATERIAL NUMBER	ENGINEERING NUMBER	MYLAR TAPE MATERIAL NUMBER	MYLAR TAPE ENGINEERING NUMBER	PERMA-SEAL COLOR	WIRE AWG (3)	"A" (F) MIN	"B" Ø MAX	(F) "C" MAX	"H" ±.010/0.25	"D" MIN
191640013	SAA-22-18	191640014	SAA-22-18T	RED	22-18	.185/4.70	.280/7.11	1.55/39.4	.767/19.48	.059/1.50
191640044	SBB-16-14	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

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