Part Number : 191640077
Product Description : Perma-Seal Step Down Butt Splice from 12/10 to 16/14 AWG Wire, Carton
Series Number : 19164
Status : Active
Product Category : Splices
Engineering Part Number : SCB-646



Documents and Resources

Drawings

191640077_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-19902-013-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

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Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Splices
Series	19164
Description	Perma-Seal Step Down Butt Splice from 12/10 to 16/14 AWG Wire, Carton
Comments	Step down: 12/10 to 16/14 AWG
Product Name	Perma-Seal
Style	Step Down
Type	Butt Splice
UPC	800753113619

Electrical

Voltage - Maximum	600V

Physical

Barrel Type	Closed
Color - Resin	Yellow
Insulation	NiAc
Material - Metal	Copper
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	3.714/g

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Packaging Type	Carton
Temperature Range - Operating	-55° to +125°C
Wire Insulation Diameter	6.99mm max.
Wire Size (AWG)	10, 12, 14, 16

Solder Process Data

Lead-Free Process Capability	N/A

Application Tooling

Global

Description	Part Number
PremiumGrade Hand Crimp Tool for Industrial Terminals, 22-10 AWG (see ATS)	640017400
Power Crimp Tool Head for Terminals 22-10 AWG Wire	640057400
ServiceGrade Hand Crimp Tool for Field Repair only, for production use our PremiumGrade Tool	640160041

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