Part Number : 194031300
Product Description : Self-Contained Power Connector for Solid or Stranded Nonmetallic Sheathed Cable, 10 AWG
Series Number : 19403
Status : Active
Product Category : I/O Connectors



Documents & Resources

Drawings

194031300_sd.pdf

PK-19403-130-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
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(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

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	I/O Connectors
Series	19403
Description	Self-Contained Power Connector for Solid or Stranded Nonmetallic Sheathed Cable, 10 AWG
Application	Wire-to-Wire
Comments	Used-wire boats and many other applications using 110 and 220 AC circuits
Component Type	Plug, Receptacle
Product Name	SCPC
Type	N/A
UPC	800753260313

Agency

UL	E196349

Electrical

Current - Maximum per Contact	30.0A
Voltage - Maximum	300V

Physical

Circuits Detail	2 Circuits with Ground
Circuits (Loaded)	2

Circuits (maximum)	2
Durability (mating cycles max)	250
Flammability	94-5VA
Lock to Mating Part	Yes
Material - Metal	High Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	49.080/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Bag
Panel Mount	No
PCB Retention	N/A
Pitch - Mating Interface	10.10mm
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Polarized to Mating Part	Yes
Temperature Range - Operating	-35° to +85°C
Termination Interface Style	IDT or Pierce
Wire Size (AWG)	10

Application Tooling

Global

Description	Part Number
Hand Crimp Tool	192850084
Manual Arbor Press, SC Power Connector	640060200