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Part Number: **0194031300**
Status: **Active**
Overview: Self-Contained Power Connector (SCPC)
Description: Self-Contained Power Connector for Solid or Stranded Nonmetallic Sheathed Cable, 10 AWG

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#) [Product Literature \(PDF\)](#)

Agency Certification

UL E196349

General

Product Family I/O Connectors
Series 19403
Application Wire-to-Wire
Comments Used-wire boats and many other applications using 110 and 220 AC circuits
Component Type Plug, Receptacle
Overview Self-Contained Power Connector (SCPC)
Product Literature Order No 987650-0531
Product Name SCPC
Type N/A
UPC 800753260313

Physical

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

Electrical

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

Material Info

Reference - Drawing Numbers



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/108/2014 (17 Dec
2014)

Halogen-Free

Status

Not Reviewed

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Reviewed

Search Parts in this Series

19403 Series

Mates With

19403-1230 Self-Contained Power Connector, Panel Mount Housing, 10 AWG, 19403-1300 Self-Contained Power Connector for Solid or Stranded Nonmetallic Sheathed Cable, 10 AWG

Use With

19403-0008 Weather Tight Male Boot for 10 AWG Marine Stranded Cable, 19403-0009 Weather Tight Female Boot for 10 AWG Marine Stranded Cable

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