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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, 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 Alloy
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° 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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

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

Halogen-Free

Status

Not Reviewed

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Reviewed

Search Parts in this Series

19403 Series

Mates With

194031230 Self-Contained Power Connector, Panel Mount Housing, 10 AWG, 194031300 Self-Contained Power Connector for Solid or Stranded Non-metallic Sheathed Cable, 10 AWG

Use With

194030008 Weather Tight Male Boot for 10 AWG Marine Stranded Cable, 194030009 Weather Tight Female Boot for 10 AWG Marine Stranded Cable

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 #
Hand Crimp Tool	<u>192850084</u>

Reference - Drawing Numbers
Sales Drawing

SD-19045-001-001, SD-19403-129

Manual Arbor Press, 640060200
SC Power Connector

This document was generated on 03/25/2019

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