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

**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 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**

**Reference - Drawing Numbers**



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>

This document was generated on 02/21/2020

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