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**Part Number:** **0194031010**  
**Status:** **Active**  
**Overview:** Self-Contained Power Connector (SCPC)  
**Description:** Self-Contained Power Connector for Stranded Nonmetallic Sheathed Cable, 12 AWG

**Documents:**

[3D Model](#) [Product Specification PS-19902-011-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[3D Model \(PDF\)](#)

**Agency Certification**

CSA LR18689  
 UL E182087

**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 Name SCPC  
 Type N/A  
 UPC 800753112681

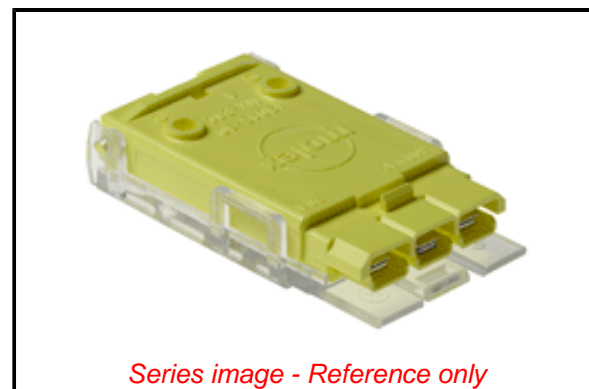
**Physical**

Circuits (Loaded) 2  
 Circuits (maximum) 2  
 Circuits Detail 2 Circuits with Ground  
 Color - Resin Clear, Natural  
 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  
 Material - Resin Polycarbonate, Polyester  
 Net Weight 27.307/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 2.540µm  
 Plating min - Termination 2.540µm  
 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 12

**Electrical**

Current - Maximum per Contact 20.0A  
 Voltage - Maximum 600V

**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 Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**China RoHS**

**Search Parts in this Series**

19403 Series

**Mates With**

190451000 Self-Contained Power Connector for Solid Cable, 12-14 AWG,  
194031010 Self-Contained Power Connector for Stranded Cable, 12 AWG,  
194021010 Self-Contained Power Tap Connector for Stranded Cable, 12 AWG,  
194240002 Self-Contained Connector Splitter Assembly

**Use With**

190453180 Safety Cap, 194031060 Weather Tight Male Boot for 1216 AWG Marine Stranded Cable, 194031061 Weather Tight Female Boot for 1216 AWG Marine Stranded Cable

**Application Tooling | [FAQ](#)**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then*

Engineering Number	194031010 P
<b>Reference - Drawing Numbers</b>	
Product Specification	PS-19902-011-001
Sales Drawing	SD-19045-001-001, SD-19403-110

*contained in the Application Tooling  
Specification document.*

**Global**

<b>Description</b>	<b>Product #</b>
Ratchet Hand Tool for Self-contained Power Connectors, 12-16 AWG	<u>192850180</u>
Hand Crimp Tool, SC640015300 Power Connectors	
Manual Arbor Press, 640060200 SC Power Connector	

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