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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

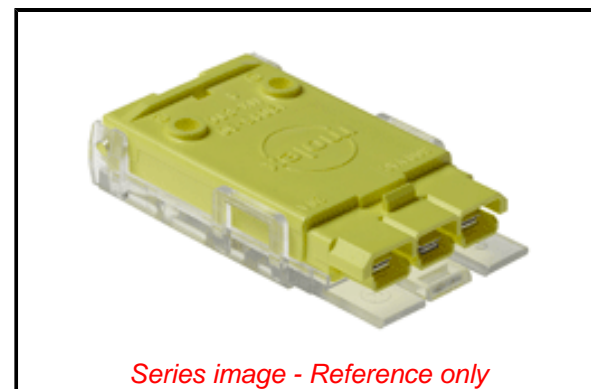
Physical

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

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

Reference - Drawing Numbers
Product Specification PS-19902-011-001
Sales Drawing SD-19045-001-001, SD-19403-110

*contained in the Application Tooling
Specification document.*

Global

Description	Product #
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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