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Part Number: [19403-1010](#)
Status: **Active**
Overview: [Self-Contained Power Connector \(SCPC\)](#)
Description: Self-Contained Power Connector for Stranded Nonmetallic Sheathed Cable, 12 AWG

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-19902-011 \(PDF\)](#) [Product Literature \(PDF\)](#)

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 Literature Order No 987650-0531
 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
 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°C to +85°C
 Termination Interface: Style IDT or Pierce
 Wire Size AWG 12

Electrical

Current - Maximum per Contact 20A
 Voltage - Maximum 600V



Series

image - Reference only

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

19403Series

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](#) SelfContai

Use With

190453180 Safety Cap, [194031060](#) Weather Tight Male Boot for 12-16 AWG Marine Stranded Cable, [194031061](#) Weather Tight Female Boot for 12-16 AWG Marine Stranded Cable

Application Tooling | FAQ

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

Material Info

Old Part Number

194031010 P

Reference - Drawing Numbers

Product Specification

PS-19902-011

Sales Drawing

SD-19045-001, SD-19403-110

*contained in the Application Tooling
Specification document.*

Global**Description****Product #**Manual Arbor Press, 0640060200

SC Power Connector

Hand Crimp Tool, SC0640015300

Power Connectors

Hand Crimp Tool 0192850074

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