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Part Number: **0194031310**
Status: **Active**
Overview: Self-Contained Power Connector (SCPC)
Description: Self-Contained Power Connector for 2 Circuit Round Cable with Ground, 14 AWG, Insulation Diameter 8.64-11.18mm

Documents:

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

Agency Certification

CSA LR18689
 UL E182087

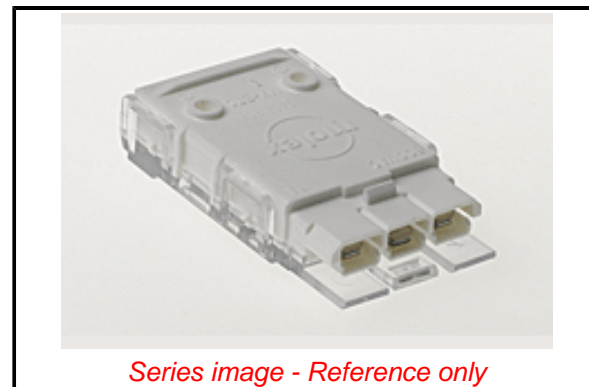
General

Product Family I/O Connectors
 Series 19403
 Application Wire-to-Wire
 Comments 2 Circuit SEOW/SJEW versions specifically engineered-accommodate round jacketed, stranded conductor power cords typically found in RV slide-out manufacturing applications

Component Type Plug, Receptacle
 Overview Self-Contained Power Connector (SCPC)
 Product Name SCPC
 Taxonomy I/O Connectors
 Type N/A
 UPC 800756068978

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 29.062/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 Insulation Diameter 8.64-11.18mm
 Wire Size AWG 14



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

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

19403 Series

Mates With

194031310 Self-Contained Power Connector for 2 Circuit Round Cable with Ground, 14 AWG

Use With

190453180 Safety Cap, 194260001 Weather Tight Male Boot for 1214 AWG Round Stranded Cable, 194260002 Weather Tight Female Boot for 1214 AWG Round 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, SC640015300
 Power Connectors

Electrical

Current - Maximum per Contact

20.0A

Voltage - Maximum

600V

Material Info**Reference - Drawing Numbers**

Sales Drawing

SD-19045-001-001, SD-19403-148-001

Manual Arbor Press, 640060200
SC Power Connector

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