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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

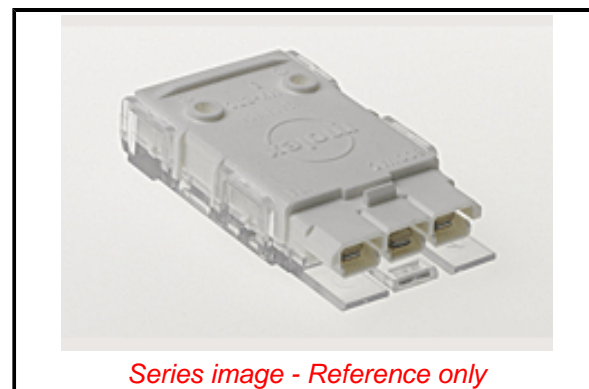
General

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
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

Electrical



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

Current - Maximum per Contact
Voltage - Maximum

20.0A
600V

Manual Arbor Press, [640060200](#)
SC Power Connector

Material Info

Reference - Drawing Numbers
Sales Drawing

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

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