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**Part Number:** [19403-1310](#)  
**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:**

[Drawing \(PDF\)](#) [Product Literature \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR18689  
 UL E182087

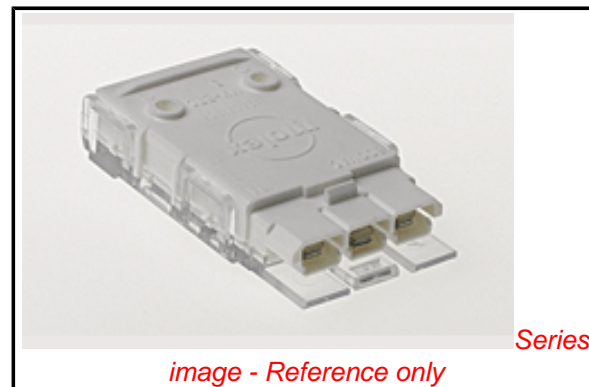
**General**

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 Literature Order No 987650-0531  
 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  
 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°C to +85°C  
 Termination Interface: Style IDT or Pierce  
 Wire Insulation Diameter 8.64-11.18mm  
 Wire Size AWG 14



**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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**

[194031310 Self-Contained Power Connector for 2 Circuit Round Cable with Ground, 14 AWG](#)

**Use With**

[190453180 Safety Cap, 19426-0001 Weather Tight Male Boot for 12-14 AWG Round Stranded Cable, 194260002 Weather Tight Female Boot for 12-14 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 #**

**Electrical**

Current - Maximum per Contact  
Voltage - Maximum

20A  
600V

Manual Arbor Press, [0640060200](#)  
SC Power Connector  
Hand Crimp Tool, [SC0640015300](#)  
Power Connectors

**Material Info****Reference - Drawing Numbers**

Sales Drawing

SD-19045-001, SD-19403-148

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