

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [19421-0002](#)
Status: **Active**
Overview: [Self-Contained Power Connector \(SCPC\)](#)
Description: Self-Contained Power Connector for 2 Circuit Round Cable with Ground, 12 AWG, Insulation Diameter 15.24mm

Documents:

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

Agency Certification

CSA LR18689
 UL E182087

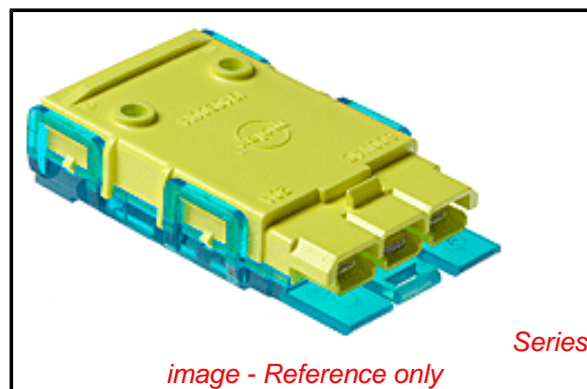
General

Product Family I/O Connectors
 Series [19421](#)
 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 756054603925

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 17.553g
 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 15.24mm
 Wire Size AWG 12



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

[19421Series](#)

Mates With

[194210002](#) Self-Contained Power Connector for 2 Circuit Round Cable with Ground, 12 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

Material Info**Reference - Drawing Numbers**

Sales Drawing

SD-19045-001, SD-19421-002

Manual Arbor Press, 0640060200
SC Power Connector
Hand Crimp Tool, SC0640015300
Power Connectors
Hand Crimp Tool 0192850084

This document was generated on 11/27/2012

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION