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**Part Number:** [0194210002](#)  
**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 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification PK-19421-001-001 \(PDF\)](#)

**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 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 Alloy  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Polycarbonate, Polyester  
 Net Weight 17.553/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 15.24mm  
 Wire Size AWG 12

**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

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[19421](#) Series

**Mates With**

[194210002](#) Self-Contained Power Connector for 2 Circuit Round Cable with Ground, 12 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 [192850084](#)

Current - Maximum per Contact  
Voltage - Maximum

20.0A  
600V

**Solder Process Data**

Lead-free Process Capability

N/A

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

Sales Drawing

PK-19421-001-001

SD-19045-001-001, SD-19421-002

Ratchet Hand Tool [192850180](#)  
for Self-contained  
Power Connectors,  
12-16 AWG  
Hand Crimp Tool, [SC640015300](#)  
Power Connectors  
Manual Arbor Press, [640060200](#)  
SC Power Connector

This document was generated on 07/28/2021

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