

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Heavy Duty Power Connectors](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[647757-1](#) [6643411-1](#) [6646058-2](#) [6646137-1](#) [6646138-1](#) [6646479-1](#) [6646608-1](#) [6646786-1](#) [6646940-1](#) [6651091-1](#) [6651525-1](#) [6651529-1](#)
[6651788-1](#) [696475-1](#) [702-32-01109](#) [703-25-02205](#) [73000005059](#) [73000005642](#) [765-15-0080A](#) [765-16-0080B](#) [765-18-0080D](#) [829992-1](#)
[902-77-02113](#) [PS00/A0620/6300](#) [129-1J](#) [AN0024023](#) [E6374G1](#) [e6389g2](#) [157-43GW8](#) [MS3117-14AC](#) [1643543-1](#) [1650540-1](#) [1651811-2](#)
[1766260-1](#) [1766282-1](#) [1766966-1](#) [1791340000](#) [NLDFT-3-BL-L-S120-M40A](#) [NLDFT-N-W-L-C240-M40B](#) [NLS-2-R-C240-M40B](#) [NLS-N-](#)
[W-C240-M40B](#) [NPS-3-BL-T6](#) [1986615-1](#) [2-1589900-8](#) [2199314-1](#) [KA8102](#) [9300480317](#) [SBS50BRN#6](#) [29131](#) [296-0040-01100](#)