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Part Number: [0194210001](#)
Status: **Active**
Overview: [Self-Contained Power Connector \(SCPC\)](#)
Description: Self-Contained Power Connector for 2 Circuit Round Cable with Ground, 12 AWG, Insulation Diameter 8.64-11.18mm

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
Taxonomy	I/O Connectors
Type	N/A
UPC	756054599310
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	17.633/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	12



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
China ROHS ELV RoHS Phthalates	Green Image Not Relevant Not Contained

Search Parts in this Series
[19421](#) Series

Mates With
[194210001](#) 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 #
Ratchet Hand Tool for Self-contained	192850180

Electrical

Current - Maximum per Contact 20.0A
Voltage - Maximum 600V

Solder Process Data

Lead-freeProcess Capability N/A

Material Info

Reference - Drawing Numbers

Packaging Specification PK-19421-001-001
Sales Drawing SD-19045-001-001, SD-19421-001-001

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

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