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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 (PDF) Product Literature (PDF)

Agency Certification

CSA LR18689
 UL E182087

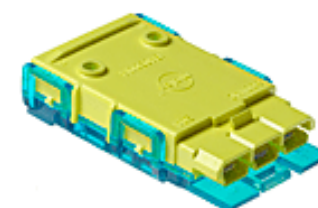
General

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 17.553/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°C to +85°C
 Termination Interface: Style IDT or Pierce
 Wire Insulation Diameter 15.24mm
 Wire Size AWG 12



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/108/2014 (17 Dec 2014)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

19421 Series

Mates With

19421-0002 Self-Contained Power Connector for 2 Circuit Round Cable with Ground, 12 AWG

Use With

19045-3180 Safety Cap, 19426-0001 Weather Tight Male Boot for 12-14 AWG Round Stranded Cable, 19426-0002 Weather Tight Female Boot for 12-14 AWG Round Stranded Cable

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
Sales Drawing SD-19045-001-001, SD-19421-002

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