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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)

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, 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



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

Green Image

ELV

Not Relevant

RoHS Phthalates

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

Wire Size AWG	12	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
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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