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Part Number: **0194021000**
Status: **Active**
Overview: Self-Contained Power Connector (SCPC)
Description: Self-Contained Tap Splice Connector for Solid Nonmetallic Sheathed Cable, 12-14 AWG

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#) [Product Literature \(PDF\)](#)
[Product Specification PS-19902-011-001 \(PDF\)](#)

Agency Certification

CSA LR18689
 UL E182087

General

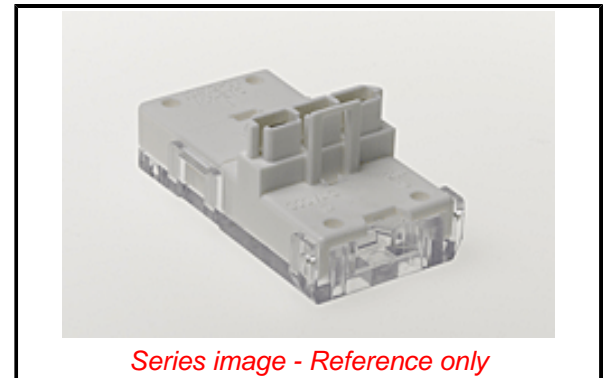
Product Family I/O Connectors
 Series 19402
 Application Wire-to-Wire
 Component Type Plug, Receptacle
 MolexKits Yes
 Overview Self-Contained Power Connector (SCPC)
 Product Literature Order No 987650-0531
 Product Name SCPC
 Type N/A
 UPC 800753021846

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 35.444/g
 Number of Rows 1
 Orientation Right Angle
 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 Size AWG 12, 14

Electrical

Current - Maximum per Contact 20.0A
 Voltage - Maximum 300V



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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

19402 Series

Mates With

19045-1000 Self-Contained Power
 Connector for Solid Cable, 12-14 AWG,
19403-1310 Self-Contained Splice
 Connector, Waterproof Version, 12-16
 AWG, 19403-0011 Self-Contained Power
 Connector for Stranded Cable, 14 AWG,
19421-0001 Self-Contained Power
 Connector

Use With

19045-3180 Safety Cap

Material Info

Engineering Number

COC-3

Reference - Drawing Numbers

Product Specification

PS-19902-011-001

Sales Drawing

SD-19402-004-001, SD-19402-105

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