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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

Drawing (PDF)

3D Model (PDF)

Product Specification PS-19902-011-001 (PDF)

Packaging Specification PK-19402-106-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR18689

UL

E182087

General

Product Family

I/O Connectors

Series

19402

Application

Wire-to-Wire

Component Type

Plug, Receptacle

Overview

Self-Contained Power Connector (SCPC)

Product Name

SCPC

Taxonomy

I/O Connectors

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 Alloy

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° to +85°C

Termination Interface: Style

IDT or Pierce

Wire Size AWG

12, 14

Electrical

Current - Maximum per Contact

20.0A

Voltage - Maximum

300V

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2021)10043-DC (17
Jan 2022)

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

19402 Series

Mates With

190451000 Self-Contained Power Connector for Solid Cable, 12-14 AWG, 194031310 Self-Contained Splice Connector, Waterproof Version, 1216 AWG, 194030011 Self-Contained Power Connector for Stranded Cable, 14 AWG, 194210001 Self-Contained Power Connector

Use With

190453180 Safety Cap

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 #

Engineering Number	COC-3	Ratchet Hand Tool <u>192850180</u>
Reference - Drawing Numbers		for Self-contained
Packaging Specification	PK-19402-106-001	Power Connectors,
Product Specification	PS-19902-011-001	12-16 AWG
Sales Drawing	SD-19402-004-001, SD-19402-105-001	Hand Crimp Tool, <u>SC640015300</u>
		Power Connectors
		Manual Arbor Press, <u>640060200</u>
		SC Power Connector

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