

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0194011000](#)
Status: **Active**
Overview: [Self-Contained Power Connector \(SCPC\)](#)
Description: Self-Contained Power 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

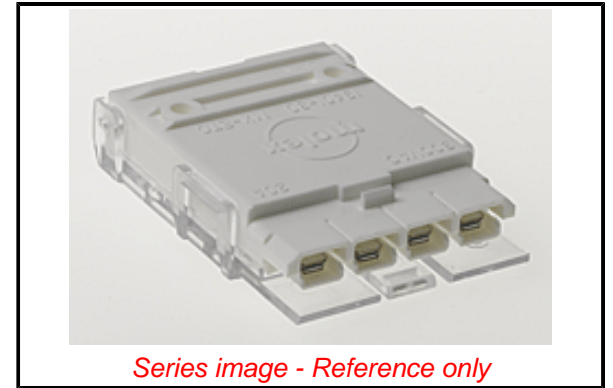
CSA LR18689
 UL E182087

General

Product Family I/O Connectors
 Series [19401](#)
 Application Wire-to-Wire
 Comments Used-wire smoke detectors, 3-way lights, entertainment centers, and many other electrical applications using 110 and 220 AC circuits, Used-wire smoke detectors, 3-way lights, entertainment centers, and many other electrical applications using 110 and 220 AC circuits
 Component Type Plug, Receptacle
 Overview [Self-Contained Power Connector \(SCPC\)](#)
 Product Literature Order No 987650-0531
 Product Name SCPC
 Type N/A
 UPC 800753021839

Physical

Circuits (Loaded) 3
 Circuits (maximum) 3
 Circuits Detail 3 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 39.770/g
 Number of Rows 1
 Orientation Vertical
 PCB Retention N/A
 Packaging Type Bag
 Panel Mount No
 Pitch - Mating Interface 10.60mm
 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



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

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[19401](#) Series

Mates With

[194011000](#) Self-Contained Power Connector for Solid Cable, 12-14 AWG

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 Power Connectors, 12-16 AWG [192850180](#)
 Hand Crimp Tool, SC640015300
 Power Connectors
 Manual Arbor Press, [640060200](#)
 SC Power Connector

Electrical

Current - Maximum per Contact

20.0A

Voltage - Maximum

300V

Material Info

Engineering Number

COC-2

Reference - Drawing Numbers

Product Specification

PS-19902-011-001

Sales Drawing

SD-19401-002-001, SD-19401-1000

This document was generated on 03/13/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION