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Part Number: [0190451000](#)
Status: **Active**
Overview: [selfcontained_power_connector_scpc](#)
Description: Self-Contained Power Connector for Solid Nonmetallic Sheathed Cable, 12 to 14 AWG

Documents:

[3D Model](#)
[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR18689
UL E182087

General

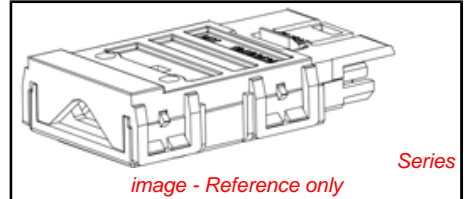
Product Family I/O Connectors
Series 19045
Application Wire-to-Wire
Comments Used to wire home, buildings, office partitions, RVs, Motorhomes and many more electrical applications using 110 and 220 AC circuits
Component Type Plug, Receptacle
MolexKits Yes
Overview [selfcontained_power_connector_scpc](#)
Product Literature Order No 987650-0531
Product Name SCPC
Type N/A

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
Number of Rows 1
Orientation Vertical
PCB Retention N/A
Packaging Type Bag
Panel Mount No
Pitch - Mating Interface 10.10mm (.398")
Plating min - Mating 1.016µm (40µ")
Plating min - Termination 1.016µm (40µ")
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 20A
Voltage - Maximum 300V



EU RoHS

ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Low-Halogen Status
Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[19045Series](#)

Mates With

[19045-1000](#) Self-Contained Power Connector for Solid Cable, 12 to 14 AWG, [19403-1011](#) Self-Contained Power Connector for Stranded Cable, 14 to 16 AWG, [19403-1010](#) Self-Contained Power Connector for Stranded Cable, 12 AWG, [19424-0002](#) Self-Cont

Use With

[19045-3180](#) Safety Cap, [19425-0001](#) Weather Tight Male Boot for 12 to 14 AWG Solid Cable, [19425-0002](#) Weather Tight Female Boot for 12 to 14 AWG Solid 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 #
Manual Arbor Press	0640060200
SC Power Connector	

Material Info

Old Part Number

COC-1

Hand Crimp Tool [0192850074](#)
Hand Crimp Tool, SC0640015300
Power Connectors

Reference - Drawing Numbers

Sales Drawing

SD-19045-003, SD-19045-100

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