

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0190451000**  
**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**

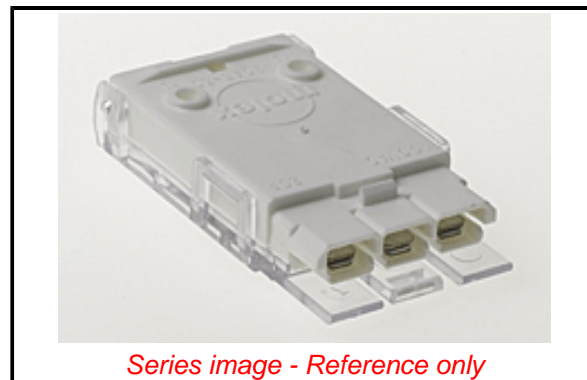
Product Family I/O Connectors  
 Series 19045  
 Application Wire-to-Wire  
 Comments Used-wire home, buildings, office partitions, RVs, Motorhomes and many more electrical applications using 110 and 220 AC circuits  
 Component Type Plug, Receptacle  
 Overview Self-Contained Power Connector (SCPC)  
 Product Literature Order No 987650-0531  
 Product Name SCPC  
 Type N/A  
 UPC 800753021822

**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 26.380/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°C to +85°C  
 Termination Interface: Style IDT or Pierce  
 Wire Size AWG 12, 14

**Electrical**

Current - Maximum per Contact 20.0A



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](mailto: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

**China RoHS**

**Search Parts in this Series**

19045 Series

**Mates With**

19045-1000 Self-Contained Power Connector for Solid Cable, 12-14 AWG, 19403-1011 Self-Contained Power Connector for Stranded Cable, 14-16 AWG, 19403-1010 Self-Contained Power Connector for Stranded Cable, 12 AWG, 19424-0002 Self-Contained Connector Splitter Assembly

**Use With**

19045-3180 Safety Cap, 19425-0001 Weather Tight Male Boot for 12-14 AWG Solid Cable, 19425-0002 Weather Tight Female Boot for 12-14 AWG Solid Cable

Voltage - Maximum

300V

**Material Info**

Engineering Number

COC-1

**Reference - Drawing Numbers**

Product Specification

PS-19902-011-001

Sales Drawing

SD-19045-003-001, SD-19045-100

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