



**Part Number :** [2162731033](#)  
**Product Description :** Self-Contained Power Connector for Solid Nonmetallic Sheathed Cable, 14-12 AWG,  
**Series Number :** 19045  
**Status :** Active  
**Product Category :** I/O Connectors  
**Engineering Number :** COC-1



Documents & Resources

Drawings

[Drawing 190451000\\_sd.pdf](#)

3D Models and Design Files


[3D Model 190451000\\_stp.zip](#)

Specifications

[Product Specification PS-19902-011-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

## Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	I/O Connectors
Series	19045
Description	Self-Contained Power Connector for Solid Nonmetallic Sheathed Cable, 14-12 AWG,
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
Product Family	Self-Contained Power Connector (SCPC)
Product Name	SCPC
Type	N/A
UPC	800753021822

#### Agency

CSA	LR18689
UL	E182087

#### Electrical

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

#### Physical

Circuits Detail	2 Circuits with Ground
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Circuits (Loaded)	2
Circuits (maximum)	2
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	26.380/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Bag
Panel Mount	No
PCB Retention	N/A
Pitch - Mating Interface	10.10mm
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Polarized to Mating Part	Yes
Temperature Range - Operating	-35° to +85°C
Termination Interface Style	IDT or Pierce
Wire Size (AWG)	12, 14

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Self-Contained Power Connector for Stranded Nonmetallic Sheathed Cable, 12 AWG	<u>194031010</u>
Self-Contained Power Connector for Stranded Nonmetallic Sheathed Cable, 16-14 AWG	<u>194031011</u>

### Use with Part(s)

Description	Part Number
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Self-Contained Power Connector (SCPC) Safety Cap	<u>190453180</u>
Weather Tight Male Boot for Self-Contained Power Connectors, Solid Cable, 14-12 AWG,	<u>194250001</u>
Weather Tight Female Boot for Self-Contained Power Connectors, Solid Cable, 14-12 AWG,	<u>194250002</u>

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This document was generated on Sep 19, 2024