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Part Number:

0194031010

Status:

Active

Overview:

Self-Contained Power Connector (SCPC)

Description:

Self-Contained Power Connector for Stranded Nonmetallic Sheathed Cable, 12 AWG

Documents:

3D Model

Drawing (PDF)

3D Model (PDF)

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

Packaging Specification PK-19403-101-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR18689
UL	E182087
General	
Product Family	I/O Connectors
Series	19403
Application	Wire-to-Wire
Comments	Used-wire boats and many other applications using 110 and 220 AC circuits
Component Type	Plug, Receptacle
Overview	Self-Contained Power Connector (SCPC)
Product Name	SCPC
Taxonomy	I/O Connectors
Type	N/A
UPC	800753112681
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	27.307/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	2.540µm
Plating min - Termination	2.540µm
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
Electrical	
Current - Maximum per Contact	20.0A
Voltage - Maximum	600V



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Reviewed

China RoHS

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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

19403 Series

Mates With

190451000 Self-Contained Power Connector for Solid Cable, 12-14 AWG,

194031010 Self-Contained Power Connector for Stranded Cable, 12 AWG,

194021010 Self-Contained Power Tap Connector for Stranded Cable, 12 AWG,

194240002 Self-Contained Connector Splitter Assembly

Use With

190453180 Safety Cap, 194031060 Weather Tight Male Boot for 1216 AWG Marine Stranded Cable,

194031061 Weather Tight Female Boot for 1216 AWG Marine Stranded Cable

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then

Material Info

Engineering Number 194031010 P

Reference - Drawing Numbers

Packaging Specification PK-19403-101-001
Product Specification PS-19902-011-001
Sales Drawing SD-19045-001-001, SD-19403-110-001

*contained in the Application Tooling
Specification document.*

Global

Description	Product #
Ratchet Hand Tool for Self-contained Power Connectors, 12-16 AWG Hand Crimp Tool, SC640015300 Power Connectors Manual Arbor Press, 640060200 SC Power Connector	<u>192850180</u>

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