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Part Number:

19403-1300

Status:

Active

Overview:

Self-Contained Power Connector (SCPC)

Description:

Self-Contained Power Connector for Solid or Stranded Nonmetallic Sheathed Cable, 10 AWG

Documents:

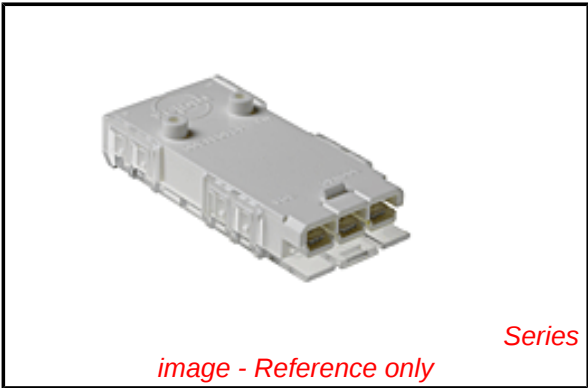
[Drawing \(PDF\)](#)

[Product Literature \(PDF\)](#)

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

Agency Certification	
UL	E196349
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 Literature Order No	987650-0531
Product Name	SCPC
Type	N/A
UPC	800753260313
Physical	
Circuits (Loaded)	2
Circuits (maximum)	2
Circuits Detail	2 Circuits with Ground
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
Net Weight	49.080/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	10
Electrical	
Current - Maximum per Contact	30A
Voltage - Maximum	300V

Material Info



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

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

19403Series

Mates With

19403-1230 Self-Contained Power Connector, Panel Mount Housing, 10 AWG, 19403-1300 Self-Contained Power Connector for Solid or Stranded Nonmetallic Sheathed Cable, 10 AWG

Use With

19403-0008 Weather Tight Male Boot for 10 AWG Marine Stranded Cable, 19403-0009 Weather Tight Female Boot for 10 AWG Marine Stranded 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 #
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Reference - Drawing Numbers
Sales Drawing

SD-19045-001, SD-19403-129

Manual Arbor Press, 0640060200
SC Power Connector
Hand Crimp Tool 0192850084

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