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Part Number: **0194021000**
Status: **Active**
Overview: Self-Contained Power Connector (SCPC)
Description: Self-Contained Tap Splice Connector for Solid Nonmetallic Sheathed Cable, 12-14 AWG

Documents:

3D Model	Product Specification PS-19902-011-001 (PDF)
Drawing (PDF)	Packaging Specification PK-19402-106-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR18689
UL	E182087

General

Product Family	I/O Connectors
Series	<u>19402</u>
Application	Wire-to-Wire
Component Type	Plug, Receptacle
Overview	<u>Self-Contained Power Connector (SCPC)</u>
Product Name	SCPC
Type	N/A
UPC	800753021846

Physical

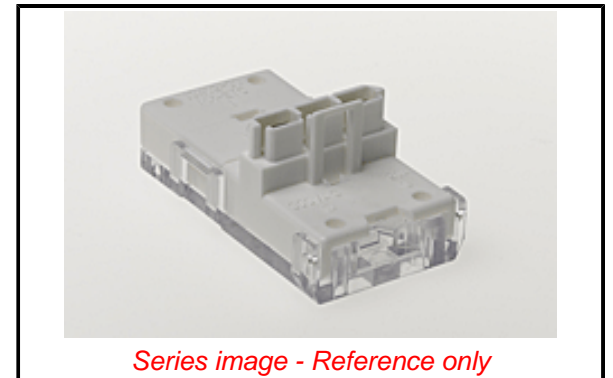
Circuits (Loaded)	2
Circuits (maximum)	2
Circuits Detail	2 Circuits with Ground
Color - Resin	Clear, Natural
Durability (mating cycles max)	250
Flammability	94-5VA
Lock to Mating Part	Yes
Material - Metal	High Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polycarbonate, Polyester
Net Weight	35.444/g
Number of Rows	1
Orientation	Right Angle
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° to +85°C
Termination Interface: Style	IDT or Pierce
Wire Size AWG	12, 14

Electrical

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

Material Info

Engineering Number	COC-3
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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
D(2021)4569-DC (8
July 2021)
reaction mass of
2-ethylhexyl 10-
ethyl-4,4-dioct
Dioctyltin dilaurate,
stannane, dioctyl-,
bis(co
Pyrene
Tris(4-nonylphenyl,
branched and linear)
phosphi
Nonadecafluorodecanoic
acid (PFDA) and its
sodiu
Zirconia
Aluminosilicate
Refractory Ceramic
Fibr
Aluminosilicate
Refractory Ceramic
Fibres
Boric acid
1,2-
Benzenedicarboxylic
acid, dipentyl ester, br
Terphenyl,
hydrogenated
2-(2H-Benzotriazol-2-
yl)-4-(tert-butyl)-6-
(sec-b
Dibutylbis(pentane-2,4-
dionato-O,O')tin
2-ethylhexyl 10-
ethyl-4,4-dioctyl-7-
oxo-8-oxa-3,
Ammonium-
pentadecafluorooctanoate

China RoHS

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

PK-19402-106-001

PS-19902-011-001

SD-19402-004-001, SD-19402-105-001

1,3-Propanesultone
Dibutyltin-dichloride
1,2-
Benzenedicarboxylic
acid, bis(3-
methylbutyl)
Disodium 3,3'-[[1,1'-
Biphenyl]-4,4'-
Diylbis(Azo)
Dodecamethylcyclhexasiloxane
Octanoic acid,
2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-
pen
Benzo(ghi)perylene
Dihexyl-phthalate
Fatty Acids, C16-18,
Lead Salts
[Phthalato(2-)]dioxotrilead
Cadmium Hydroxide
Lead titanium
zirconium oxide
Pentalead-tetraoxide-
sulphate
pyrochlore, antimony
lead yellow
Lead(II,IV)-oxide
Cadmium-oxide
Diboron-trioxide
Decabromodiphenylether
1,2-bis(2-
methoxyethoxy)ethane
1,2-Dimethoxyethane
1,2-
Benzenedicarboxylic
acid, bis(2-
methoxyethyl
Pentazinc-chromate-
octahydroxide
Potassium
hydroxyoctaoxidizincatedichromate
1,2-
Benzenedicarboxylic
acid, di-C6-8-
branched a
1,2-
Benzenedicarboxylic
acid, di-C7-11-
branched

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

[19402 Series](#)

Mates With

[190451000 Self-Contained Power Connector for Solid Cable, 12-14 AWG,](#)

[194031310](#) Self-Contained Splice Connector, Waterproof Version, 1216 AWG, [194030011](#) Self-Contained Power Connector for Stranded Cable, 14 AWG, [194210001](#) Self-Contained Power Connector

Use With

[190453180](#) Safety Cap

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 #
Ratchet Hand Tool for Self-contained Power Connectors, 12-16 AWG	192850180
Hand Crimp Tool, SC	640015300
Power Connectors	
Manual Arbor Press, SC	640060200
Power Connector	

This document was generated on 10/27/2021

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