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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:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-19902-011-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-19402-106-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**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**

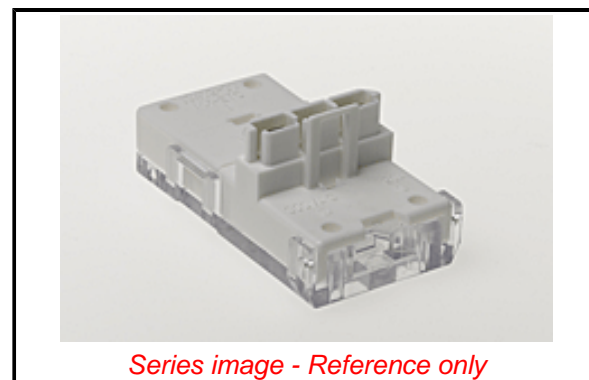
Circuits (Loaded)	2
Circuits (maximum)	2
Circuits Detail	2 Circuits with Ground
Color - Resin	Clear, Natural
Durability (mating cycles max)	250
Flammability	94-5VA
Lock to Mating Part	Yes
Material - Metal	High Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	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**

<b>Description</b>	<b>Product #</b>
Ratchet Hand Tool for Self-contained Power Connectors, 12-16 AWG	<a href="#">192850180</a>
Hand Crimp Tool, SC	<a href="#">640015300</a>
Power Connectors	
Manual Arbor Press, SC	<a href="#">640060200</a>
Power Connector	

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