



CGS SP

TE Internal #: 2174200-1

CGS SP, Standard Circular Connectors, 7 Position, Sulfur Nickel Over Nickel, Brass, LCP (Liquid Crystal Polymer), M11 Shell Size, Contacts Preloaded

[View on TE.com >](#)

Connectors > Circular Connectors > Standard Circular Connectors



Number of Positions: 7

Shell Plating Material: **Sulfur Nickel Over Nickel**

Shell Base Material: **Brass**

Circular Connector Insulation Material Type: **LCP (Liquid Crystal Polymer)**

Circular Connector Shell Size: **M11**

Features

Product Type Features

Product Type	Connector
Circular Connector Type	Plug
Shell Type	Metal

Configuration Features

Keying	N
Number of Positions	7
Contacts Preloaded	Yes

Body Features

Shell Plating Material	Sulfur Nickel Over Nickel
Shell Base Material	Brass
Circular Connector Insulation Material Type	LCP (Liquid Crystal Polymer)

Contact Features

Contact Layout Arrangement	Circular
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Mechanical Attachment

Mating Retention Type	Threaded Coupling
Mating Alignment	With
Mating Alignment Type	Keyed
Mating Retention	With



Housing Features

Circular Connector Shell Size	M11
Alignment Keyed	145°

Usage Conditions

Operating Temperature Range	-50 – 150 °C
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Packaging Features

Packaging Quantity	20
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Pb (4% in Contact/Component) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Out of Scope - excluded from Halogen requirements
Solder Process Capability	Hand solderable with tin/lead solder

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # 2174193-3
Thread 19P Plug SP S-Cup Cont KIT/B



TE Part # 2174204-2
Push-Pull 7P Rece SP S-Cup Cont KIT/A

Also in the Series | CGS SP



Primary Wire(7)



RJ45 Connectors(9)



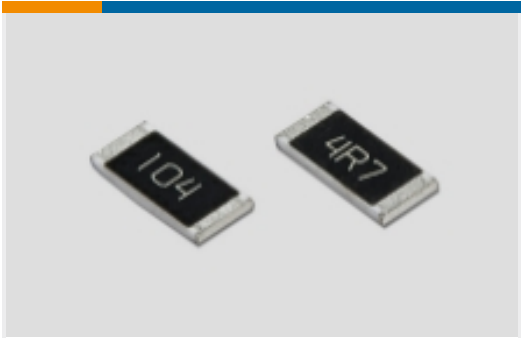
SC Connectors(1)



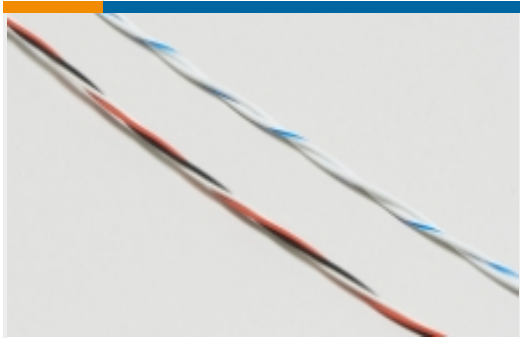
Standard Circular Connectors(54)



Standard Labels(10)



Surface Mount Resistors(35)



Twisted Pair Cable(1)

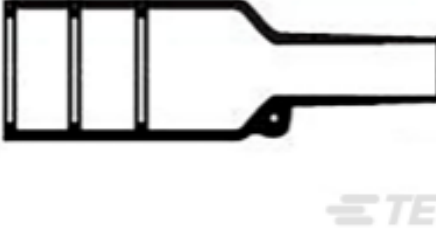
Customers Also Bought



TE Part #661269-000
TXR21AB00-1605AI



TE Part #1617807-5
FC-335-SY8= RELAY, 3PST



TE Part #358203-000
Bulbous Heat Shrink Boots: Lipped, Straight



TE Part #2-1614894-3
CPF 0805 301K 0.1% 25PPM 1K RL



TE Part #642427-000
Heat Shrink Boots: Poly Mold, Lipped



TE Part #1617147-5
JMGAP-26P = M39016/17-030P



TE Part #1617164-7
JMACT-5XL = M28776/1-025L

TE Part #358279-000
382C312-50-01-0



TE Part #ZPF000000000007174
983-ORS 08-98 PN



TE Part #1617119-5
J1MAW-18XP = M39016/7-021P

Documents

Product Drawings

Push-Pull 7P Plug SP S-Cup Cont KIT/N

Japanese

Datasheets & Catalog Pages

Metal-Shell Micro Circular Connectors

English

Product Specifications

Application Specification

Japanese