

**2174211-3**

✓ ACTIVE

**AMP**

TE Internal #: 2174211-3

19 Position Circular Connector, Sulfur Nickel Over Nickel, Brass, Code B, LCP (Liquid Crystal Polymer), Shell Size M14, Contacts Preloaded, Plug

[View on TE.com >](#)[Connectors > Circular Connectors > Standard Circular Connectors](#)Number of Positions: **19**Shell Plating Material: **Sulfur Nickel Over Nickel**Shell Base Material: **Brass**Polarization Code: **B**Circular Connector Insulation Material Type: **LCP (Liquid Crystal Polymer)**

## Features

### Packaging Features

Packaging Quantity	20
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### Product Type Features

Connector Product Type	Connector Assembly
Circular Connector Type	Plug
Shell Type	Metal

### Mechanical Attachment

Mating Retention Type	Threaded Coupling
Mating Alignment	With
Polarization Code	B
Mating Alignment Type	Keyed
Mating Retention	With

### Body Features

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

### Configuration Features

Number of Positions	19
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Contacts Preloaded	Yes
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### Contact Features

Contact Layout Arrangement	Circular
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Circular Connector Contact Type	Pin
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### Housing Features

Circular Connector Shell Size	M14
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Alignment Keyed	270°
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### Usage Conditions

Operating Temperature Range	-50 – 150 °C [-58 – 302 °F]
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### Other

EU RoHS Compliance	Not Compliant
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EU ELV Compliance	Compliant with Exemptions
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### Product Compliance

For compliance documentation, visit the product page on [TE.com](http://TE.com)>

EU RoHS Directive 2011/65/EU	Not Compliant
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241)
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Candidate List Declared Against: JUL 2017 (174)

Does not contain REACH SVHC

Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Hand solderable with tin/lead solder
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#### 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

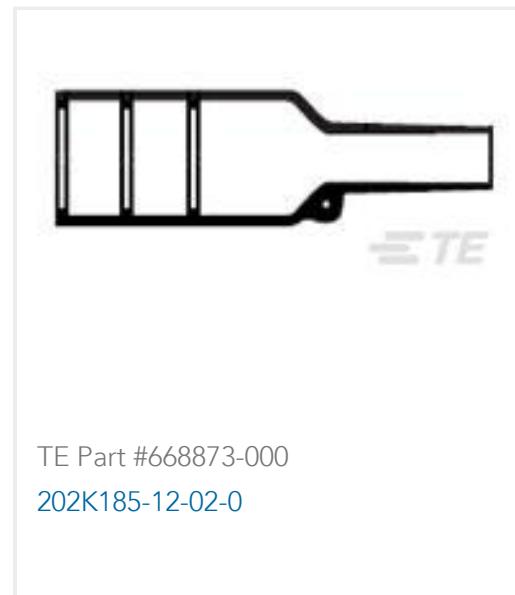


TE Part # 2174217-2  
Bayonet 19P Rece PS S-Tail Cont KIT/A

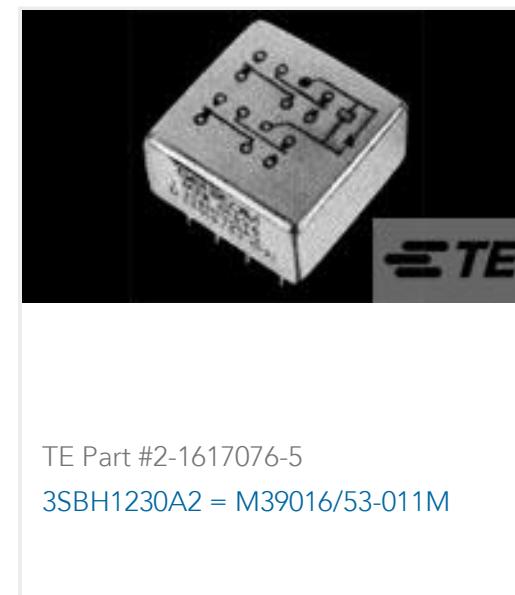
## Customers Also Bought



TE Part #902654-000  
TXR54AB00-1004AI



TE Part #668873-000  
202K185-12-02-0



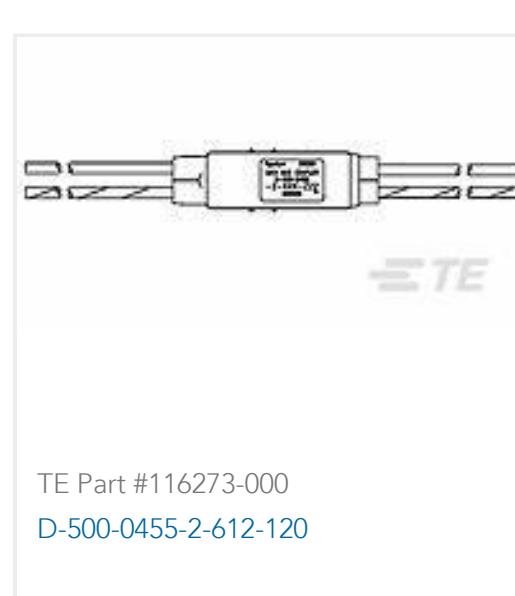
TE Part #2-1617076-5  
3SBH1230A2 = M39016/53-011M



TE Part #2174211-2  
Bayonet 19P Plug PS S-Cup Cont KIT/A



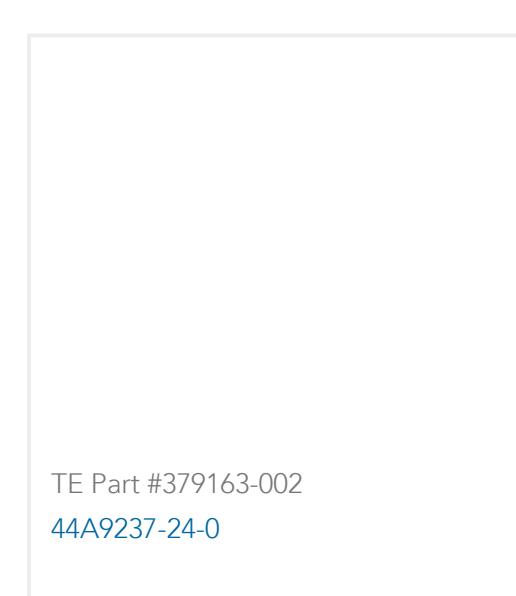
TE Part #532367-000  
D-500-0455-1-612-236



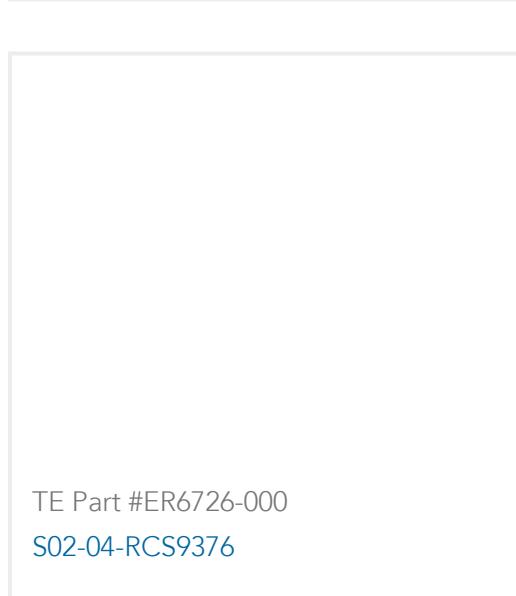
TE Part #116273-000  
D-500-0455-2-612-120



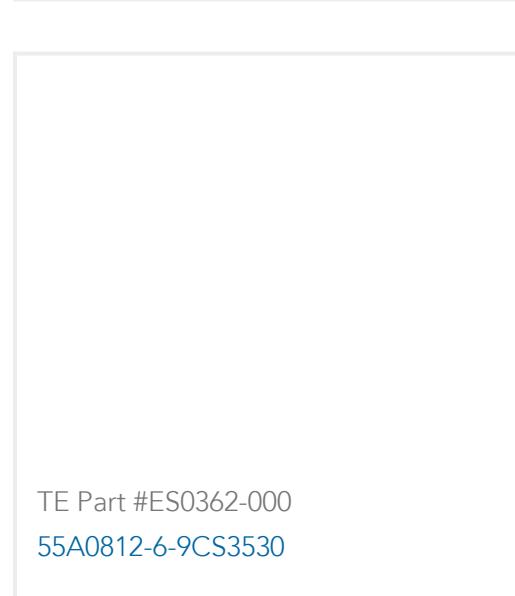
TE Part #D06183-000  
0024T0024-N(LM)



TE Part #379163-002  
44A9237-24-0



TE Part #ER6726-000  
S02-04-RCS9376



TE Part #ES0362-000  
55A0812-6-9CS3530

## Documents

### Product Drawings

[Bayonet 19P Plug PS S-Cup Cont KIT/B](#)

English

**CAD Files**[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2174211-3\\_D.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2174211-3\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2174211-3\\_D.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.**Datasheets & Catalog Pages**[Metal-Shell Micro Circular Connectors](#)

English

**Product Specifications**[Application Specification](#)

Japanese