

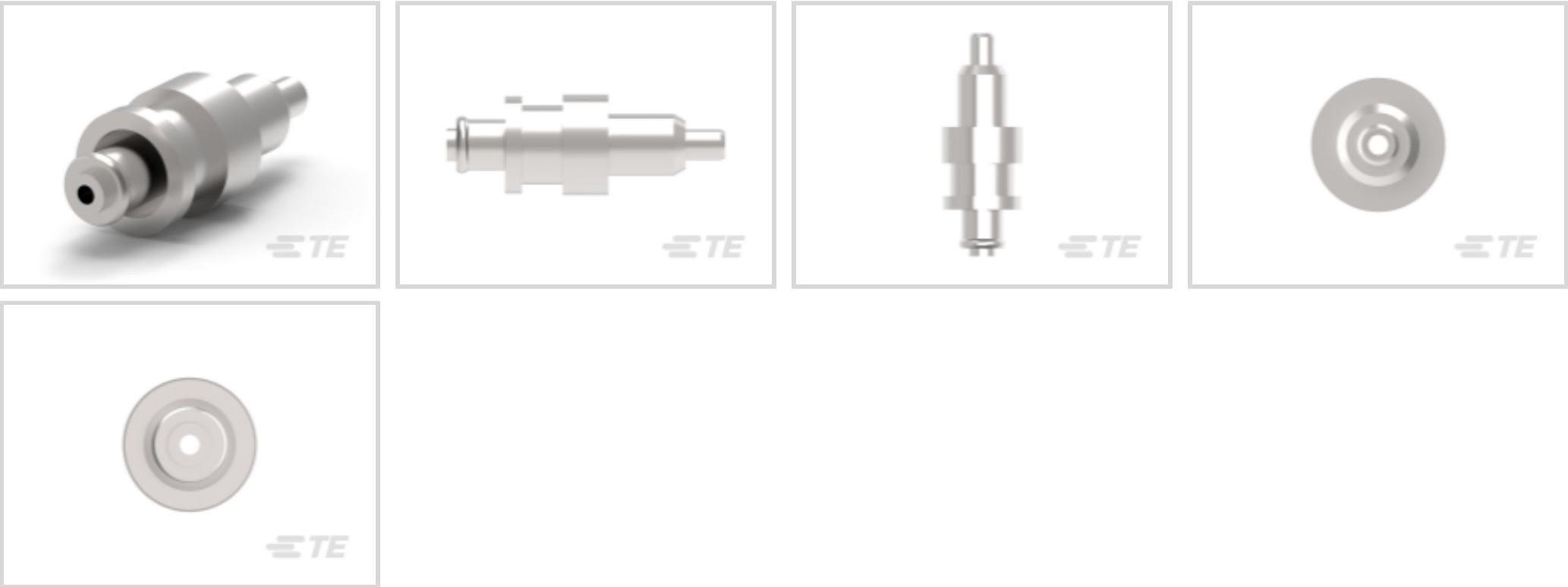


SHV

TE Internal #: 51426-2
SHV Connector, Plug, Bayonet, .3 GHz, Cable-to-Board, 1 Position,
Sealable, Wire & Cable, Cable Mount (Free-Hanging), -55 – 155 °C
[-67 – 311 °F], SHV

[View on TE.com >](#)

Connectors > RF Connectors > Coax Connectors



RF Interface: **SHV**
RF Connector Style: **Plug**
RF Connector Mated Outer Diameter (Approximate): **14.53 mm [.572 in]**
RF Connector Coupling Mechanism: **Bayonet**
Operating Frequency Range: **.3 GHz**

Features

Product Type Features

Connector Seal & Plug Type	Gasket
RF Interface	SHV
RF Connector Style	Plug
Connector System	Cable-to-Board
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Body Features

Body Material	Brass
Body Plating Material	Silver

Contact Features

Crimp Type	Dual Crimp
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RF Connector Center Contact Underplating Material	Nickel
RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Cable Mount (Free-Hanging)
RF Contact Captivation Method	Mechanical
Detent	With

Housing Features

Body Orientation	Straight
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Dimensions

RF Connector Mated Outer Diameter (Approximate)	14.53 mm[.572 in]
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Usage Conditions

Operating Temperature Range	-55 – 155 °C[-67 – 311 °F]
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Operation/Application

Operating Frequency Range	.3 GHz
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Packaging Features

Packaging Method	Carton
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Other

Dielectric Material	Polytetrafluoroethylene (PTFE)
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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: JUNE 2025 (250) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold:



Pb (3.7% in Component Part)

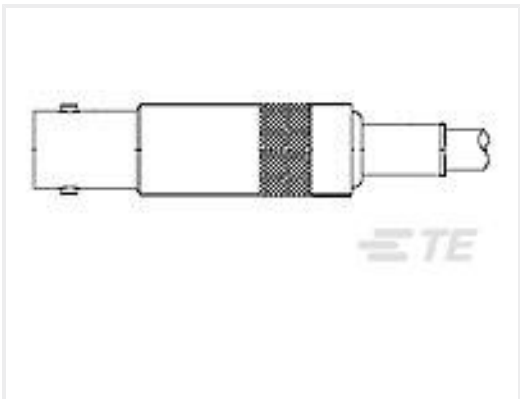
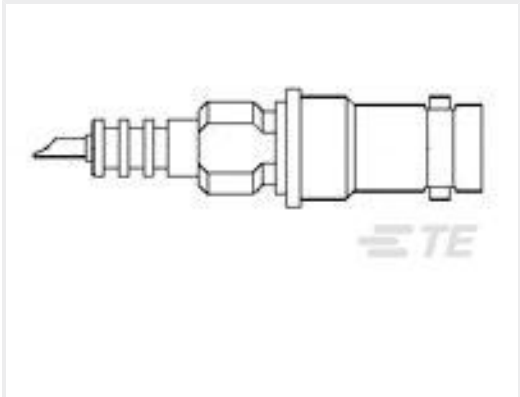
Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability

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 # 5225087-5 SHV JACK	 TE Part # 5051426-2 SAFE HIGH VOLTAGE PLUG	 TE Part # 5051426-5 SAFE HIGH VOLTAGE PLUG	 TE Part # 5051426-4 SAFE HIGH VOLTAGE PLUG
 TE Part # 51494-1 SAFE HIGH VOLTAGE BLKHD RECEPT	 TE Part # 5051494-1 SAFE HIGH VOLTAGE BLKHD RECEPT	 TE Part # 5051426-8 SHV Plug Str Crimp RG-174, RG-188	 TE Part # 5225059-3 SHV Jack Str Bulkhead Crimp RG-59, RG-62
 TE Part # 51421-2 SHV PANEL RECEPT	 TE Part # 51494-2 STD HIGH VOLTAGE BLKHD RECEPT		



Also in the Series | SHV

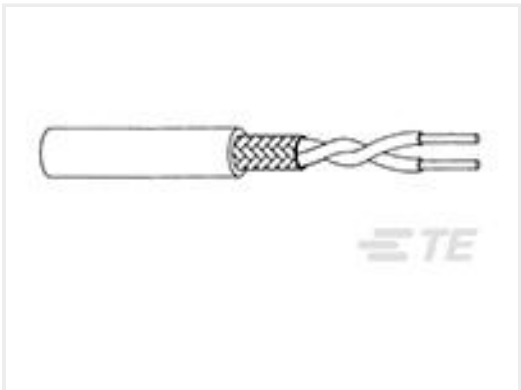


[Coax Connectors\(10\)](#)

Customers Also Bought



TE Part #ZPF000000000164349
[983-ORS 10-05 PY](#)



TE Part #090695-000
[0026A0024-9X](#)



TE Part #ZPF000000000149375
[983-ORS 14-07 PY](#)



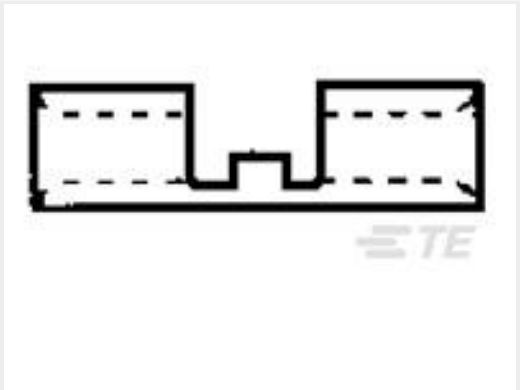
TE Part #ZPF000000000018665
[FDBA 50-8-3A-PN-K](#)



TE Part #YD369-HP99-NS00000
[369 HARSH 9 WAY PLUG, SKT - BACC65CP3SN](#)



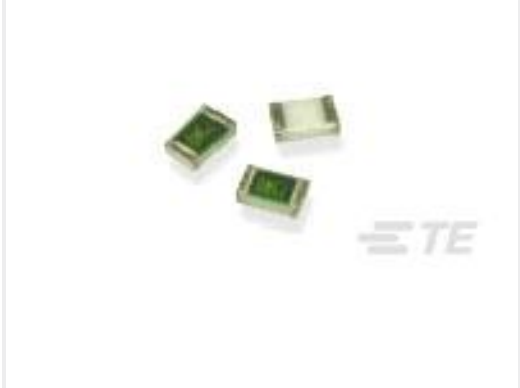
TE Part #2-66104-3
[III+ SKT,24-20,30AU/FL,STRIP](#)



TE Part #323878
[SPLICE,SOLIS BUTT HT 16-14](#)



TE Part #3-1879456-7
[TE 2000W 1K0 5% Bracket](#)



TE Part #2176091-6
[RP 2A 0.25W 64R9 0.1% 25PPM 1K RL](#)



TE Part #1-2176326-3
[CRGP 0603 100R 1%](#)

Documents

Product Drawings

[SAFE HIGH VOLTAGE PLUG](#)

English

CAD Files

Customer View Model

[ENG_CVM_51426-2_P.3d_igs.zip](#)



English

Customer View Model

[ENG_CVM_51426-2_P.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_51426-2_P.2d_dxf.zip](#)

English

3D PDF

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Coaxial High Voltage Connectors

English

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Standard High Voltage (SHV) COAXICON Plug Connectors 51426-() (Dual Crimp Type)

English