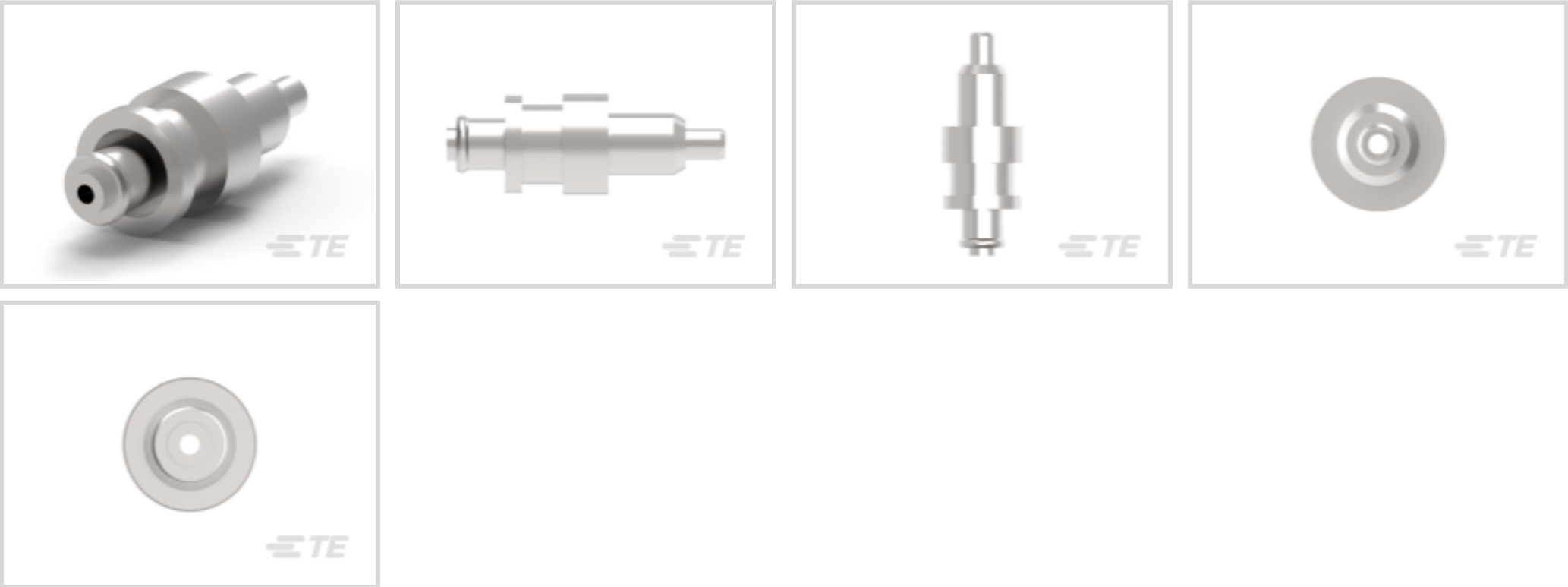




TE Internal #: 51426-2  
SHV RF Interface, Plug, Belden 9291 / RG 59A / RG 59B, Bayonet, .3  
GHz Operating Frequency, Cable-to-Board, 1 Position, Sealable,  
Wire & Cable  
[View on TE.com >](#)

Connectors > RF Connectors > Coax Connectors



RF Interface: **SHV**  
RF Connector Style: **Plug**  
RF Connector Mated Outer Diameter (Approximate): **14.53 mm [ .572 in ]**  
Compatible With RF Cable Type: **Belden 9209, Belden 9269, Belden 9291, RG 124, RG 140, RG 210, RG 59, RG 59A, RG 59B, RG 62, RG 62A, RG 62B**  
RF Connector Coupling Mechanism: **Bayonet**

Features

Product Type Features

|                                   |                                                                                                             |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------|
| Connector Seal & Plug Type        | Gasket                                                                                                      |
| RF Interface                      | SHV                                                                                                         |
| RF Connector Style                | Plug                                                                                                        |
| Compatible With RF Cable Type     | Belden 9209, Belden 9269, Belden 9291, RG 124, RG 140, RG 210, RG 59, RG 59A, RG 59B, RG 62, RG 62A, RG 62B |
| 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

|                             |          |
|-----------------------------|----------|
| Cable Connector Orientation | Straight |
|-----------------------------|----------|



|                       |        |
|-----------------------|--------|
| Body Material         | Brass  |
| Body Plating Material | Silver |

Contact Features

|                                                   |                  |
|---------------------------------------------------|------------------|
| RF Connector Center Contact Underplating Material | Nickel           |
| Crimp Type                                        | Dual             |
| RF Connector Center Contact Plating Material      | Gold             |
| RF Connector Center Contact Material              | Beryllium Copper |

Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

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

Dimensions

|                                                 |                   |
|-------------------------------------------------|-------------------|
| RF Connector Mated Outer Diameter (Approximate) | 14.53 mm[.572 in] |
|-------------------------------------------------|-------------------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 155 °C[-67 – 311 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |        |
|---------------------|--------|
| Operating Frequency | .3 GHz |
|---------------------|--------|

Packaging Features

|                  |        |
|------------------|--------|
| Packaging Method | Carton |
|------------------|--------|

Other

|                     |      |
|---------------------|------|
| Dielectric Material | PTFE |
|---------------------|------|

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 2024 (241) |



Candidate List Declared Against: JUL 2021  
(219)  
SVHC > Threshold:  
Pb (3.7% in Component Part)

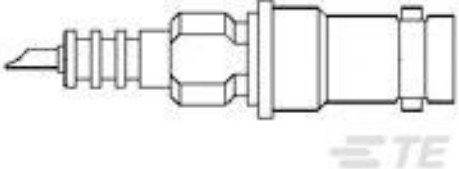
Article Safe Usage Statements:  
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

|                           |                                                        |
|---------------------------|--------------------------------------------------------|
| 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

|                                                                                                                                                   |                                                                                                                                                |                                                                                                                                             |                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 5051494-1<br/>SAFE HIGH VOLTAGE BLKHD RECEPT</p> |  <p>TE Part # 51494-2<br/>STD HIGH VOLTAGE BLKHD RECEPT</p> |  <p>TE Part # 5051426-4<br/>SAFE HIGH VOLTAGE PLUG</p> |  <p>TE Part # 51421-2<br/>SHV PANEL RECPT</p>                     |
|  <p>TE Part # 51494-1<br/>SAFE HIGH VOLTAGE BLKHD RECEPT</p>   |  <p>TE Part # 5051426-2<br/>SAFE HIGH VOLTAGE PLUG</p>      |  <p>TE Part # 5051426-5<br/>SAFE HIGH VOLTAGE PLUG</p> |  <p>TE Part # 5051426-8<br/>SHV Plug Str Crimp RG-174, RG-188</p> |

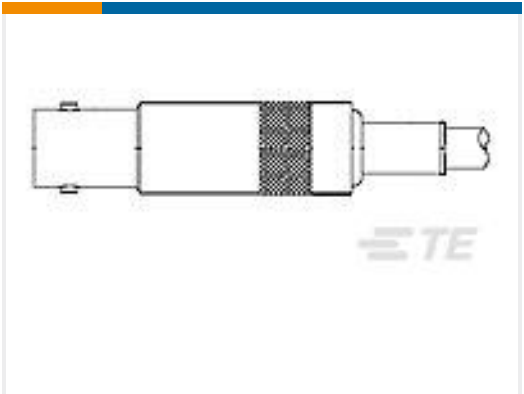






TE Part # 5225059-3

SHV Jack Str Bulkhead Crimp RG-59, RG-62



TE Part # 5225087-5

SHV JACK

Customers Also Bought



TE Part #5227671-1

BNC PCB VERTICAL W/PINS



TE Part #4-1609154-9

PE0S0SMXE=C7103



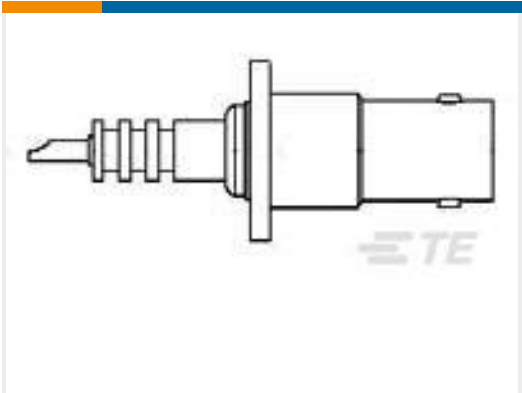
TE Part #5-146285-3

03 MODII HDR SRST B/A .100CL



TE Part #1393766-9

R10-E1X2-V700=R10



TE Part #51421-2

SHV PANEL RECPT



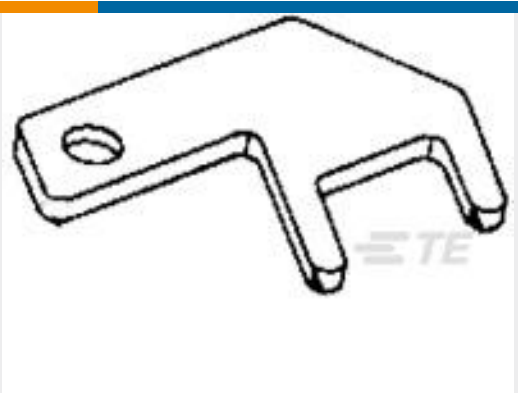
TE Part #7-1437653-6

6PCV-15-993=6PCV ASSEMBLY



TE Part #02350679-000

GA-HD LBB-375-PA-100A



TE Part #1-725996-2

110 FASTON, FLAG, PCB TAB, TPBR

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

Agency Approvals

UL Report

English