



Connectors > RF Connectors > Coax Connectors



RF Interface: SHV

RF Connector Style: Jack

RF Connector Mated Outer Diameter (Approximate): 11.56 mm [.455 in]

Impedance: 50 Ω

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

Features

Product Type Features

| | |
|-----------------------------------|---|
| RF Interface | SHV |
| RF Connector Style | Jack |
| 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 | No |
| Connector & Contact Terminates To | Wire & Cable |

Configuration Features

| | |
|----------------------------|---|
| Number of Positions | 1 |
| Number of Coaxial Contacts | 1 |

Electrical Characteristics

| | |
|-----------|------|
| Impedance | 50 Ω |
|-----------|------|

Body Features

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



| | |
|-----------------------|--------|
| Body Material | Brass |
| Body Plating Material | Nickel |

Contact Features

| | |
|---|------------|
| Crimp Type | Dual Crimp |
| RF Connector Center Contact Underplating Material | Copper |
| RF Connector Center Contact Plating Material | Gold (Au) |
| RF Connector Center Contact Material | Brass |

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) | 11.56 mm[.455 in] |
|---|-------------------|

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: JAN 2025 (247) 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 | Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free |
| 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>

Customers Also Bought

TE Part #1622344-1
LR1 1% 18K

TE Part #1622307-1
LR1 1% 120K

TE Part #3-2176406-9
3560 39R 1%

TE Part #3-1589956-4
STM02512658PCQ = Wdualobe

TE Part #8-1614890-6
CPF 0805 46R4 0.1% 25PPM 1K RL

TE Part #1658681-1
HDP-22,RCPT,SIZE 1,15 POSN

TE Part #1622296-1
LR1 1% 100K

TE Part #1-2199298-3
14P,DIP SKT,300 CL,LDR,PB FREE

TE Part #1-2308340-6
FULL METAL HOODS SIZE 1-6 (RAW 180 DEG)

TE Part #1622397-1
LR1 1% 24K



Documents

Product Drawings

SHV JACK

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_225087-5_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_225087-5_J.3d_igs.zip

English

Customer View Model

ENG_CVM_225087-5_J.3d_stp.zip

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

AMP STANDARD HIGH VOLTAGE (SHV) COAXICON JACK AND BULKHEAD JACK CONN

English