

225087-5 **x** OBSOLETE

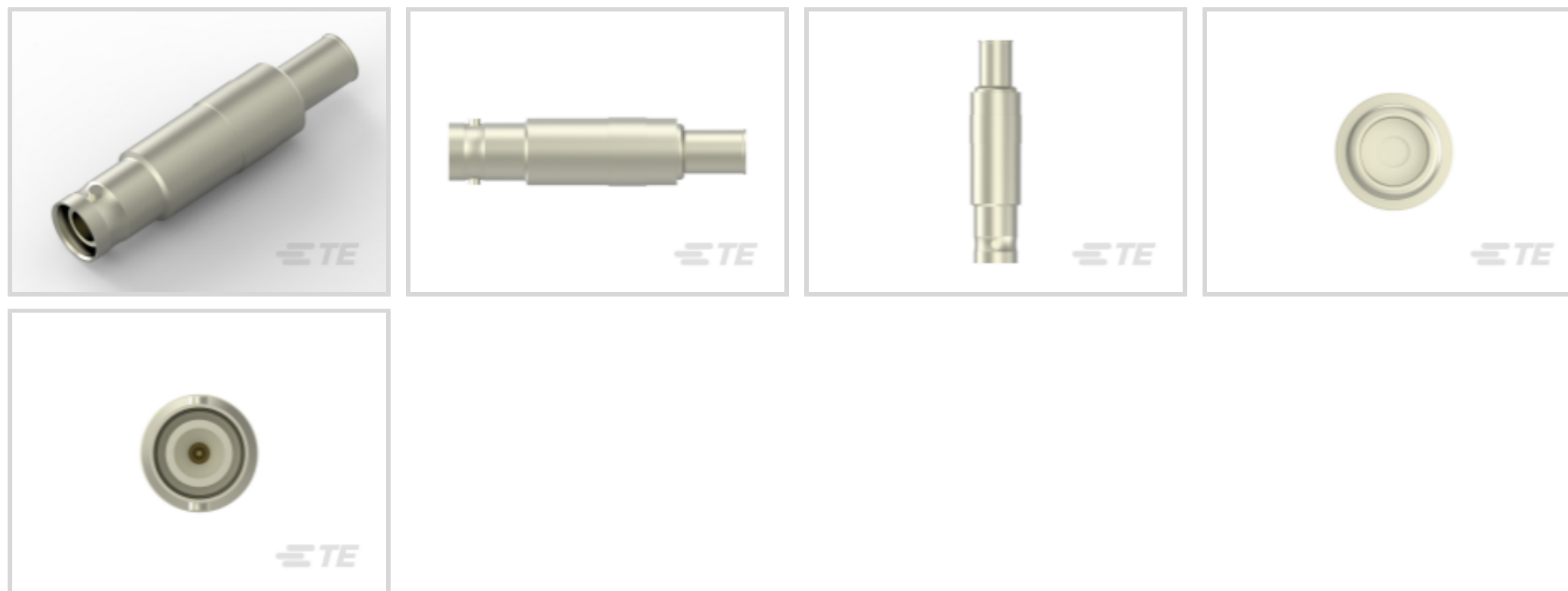
TE Internal #: 225087-5

TE Internal Description: SHV JACK

[View on TE.com >](#)



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  $\Omega$**

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 $\Omega$
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### Body Features

Cable Connector Orientation	Straight
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Body Material	Brass
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Body Plating Material	Nickel
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### Contact Features

RF Connector Center Contact Underplating Material	Copper
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Crimp Type	Dual
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RF Connector Center Contact Plating Material	Gold
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RF Connector Center Contact Material	Brass
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### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

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

RF Connector Mated Outer Diameter (Approximate)	11.56 mm[.455 in]
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### Usage Conditions

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

Operating Frequency	.3 GHz
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### Packaging Features

Packaging Method	Carton
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### Other

Dielectric Material	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
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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 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 #1658681-1  
HDP-22,RCPT,SIZE 1,15 POSN

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 #1622296-1  
LR1 1% 100K

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

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

TE Part #3-1589956-4  
STM02512658PCQ = Wdualobe

## Documents

Product Drawings

SHV JACK

English



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**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

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**Product Specifications**

**Coaxial High Voltage Connectors**

English

**Application Specification**

English

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**Instruction Sheets**

**Instruction Sheet (U.S.)**

English

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

English