



SHV

TE Internal #: 5225059-3

SHV Connector, Jack, 50 ohm, RG 124 / Video Coax 9209 / Wireless

Coax 9291 Compatible With RF Cable Type, Bayonet, .3 GHz,

Cable-to-Board, SHV

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Connectors > RF Connectors > Coax Connectors



RF Interface: **SHV**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **14.98 mm [.59 in]**

Impedance: **50 Ω**

Compatible With RF Cable Type: **RG 124, RG 140, RG 210, RG 59, RG 59A, RG 59B, RG 62, RG 62A, RG 62B, Video Coax 9209,**

Wireless Coax 9291

Features

Product Type Features

Connector Seal & Plug Type	Gasket
RF Interface	SHV
RF Connector Style	Jack
Compatible With RF Cable Type	RG 124, RG 140, RG 210, RG 59, RG 59A, RG 59B, RG 62, RG 62A, RG 62B, Video Coax 9209, Wireless Coax 9291
Connector System	Cable-to-Board
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

Body Material	Brass
Body Plating Material	Nickel

Contact Features

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
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Mechanical Attachment

RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	With

Dimensions

Panel Thickness (Recommended)	6.35 mm[.25 in]
RF Connector Mated Outer Diameter (Approximate)	14.98 mm[.59 in]

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	有害物质含量超出标准 Restricted Substance(s) Above Threshold



EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2025
 (250)

Candidate List Declared Against: JAN 2025
 (247)

SVHC > Threshold:

Pb (4% 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>

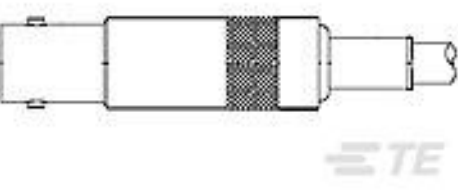
Compatible Parts



TE Part # 5051494-1
SAFE HIGH VOLTAGE BLKHD RECEPT



TE Part # 51426-2
SAFE HIGH VOLTAGE PLUG



TE Part # 5225087-5
SHV JACK



TE Part # 5051426-5
SAFE HIGH VOLTAGE PLUG



TE Part # 5051426-2
SAFE HIGH VOLTAGE PLUG



TE Part # 5051426-4
SAFE HIGH VOLTAGE PLUG



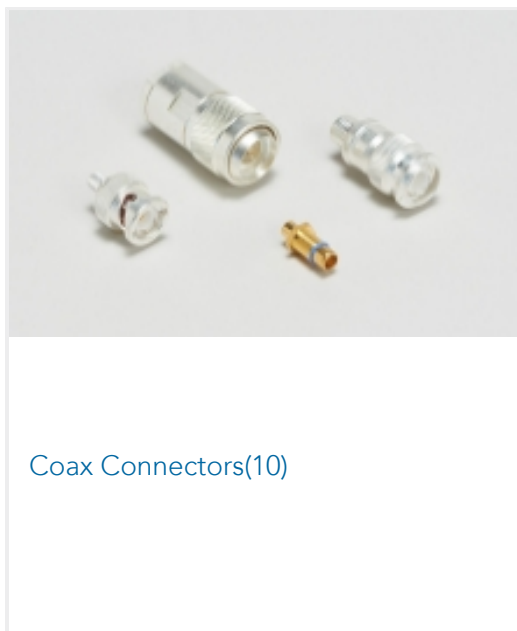
TE Part # 51421-2
SHV PANEL RECPT



TE Part # 51494-2
STD HIGH VOLTAGE BLKHD RECEPT



Also in the Series | SHV



Customers Also Bought





Documents

Product Drawings

[SHV Jack Str Bulkhead Crimp RG-59, RG-62](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_5225059-3_O.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_5225059-3_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_5225059-3_O.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[1307191 RF Coax Products Catalog](#)

English

[rf-connectors-product-refresh-phase-2](#)

English

Product Specifications

[Product Specification](#)

English