

5225059-3 ✓ ACTIVE

TE Internal #: 5225059-3

SHV Connector, Jack, 50 ohm, Bayonet, .3 GHz, Cable-to-Board, 1 Position, Sealable, Wire & Cable, Panel Mount, -55 – 155 °C [-67 – 311 °F], Crimp

[View on TE.com >](#)



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: **Belden 9291, RG 59B, Belden 9209, RG 59A, RG 210, Belden 9268, RG 124, RG 140, RG 59, RG 62B, RG 62, RG 62A**

Features

Contact Features

RF Connector Center Contact Underplating Material	Copper
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Brass

Dimensions

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

Product Type Features

Connector Seal & Plug Type	Gasket
RF Interface	SHV
RF Connector Style	Jack
Compatible With RF Cable Type	Belden 9291, RG 59B, Belden 9209, RG 59A, RG 210, Belden 9268, RG 124, RG 140, RG 59, RG 62B, RG 62, RG 62A
Connector System	Cable-to-Board



Sealable	Yes
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Connector & Contact Terminates To	Wire & Cable
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Electrical Characteristics

Impedance	50 Ω
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Mechanical Attachment

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

Operating Frequency	.3 GHz
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Configuration Features

Number of Positions	1
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Number of Coaxial Contacts	1
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Body Features

Body Material	Brass
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Body Plating Material	Nickel
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Termination Features

Termination Method to Wire & Cable	Crimp
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Usage Conditions

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

Packaging Method	Carton
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Other

Dielectric Material	PTFE
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EU RoHS Compliance	Compliant with Exemptions
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EU ELV Compliance	Compliant with Exemptions
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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

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

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

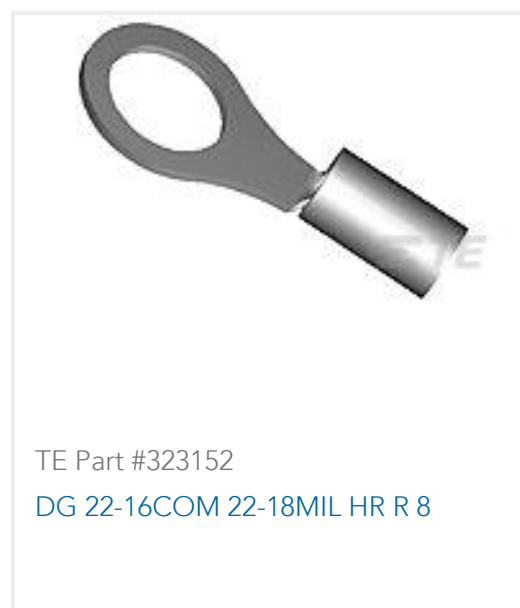
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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





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