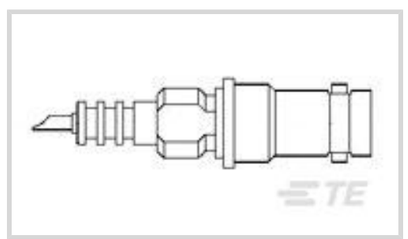
225059-3 × OBSOLETE

TE Internal #: 225059-3

TE Internal Description: SHV BLKHD JACK

View on TE.com >

Connectors > RF Connectors > Coax Connectors



RF Interface: **SHV**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **9.6 mm [.378 in]**

Impedance: **50 Ω**

Compatible With RF Cable Type: **Belden 9209, Belden 9268, Belden 9291, RG 124, RG 140, RG 210, RG 59, RG 59A, RG 59B, RG 62, RG 62A, RG 62B**

Features

Product Type Features

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

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	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	With

Dimensions

Panel Thickness (Recommended)	6.35 mm[.25 in]
RF Connector Mated Outer Diameter (Approximate)	9.6 mm[.378 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: JUNE 2024 (241) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Pb (3.7% in Component) **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

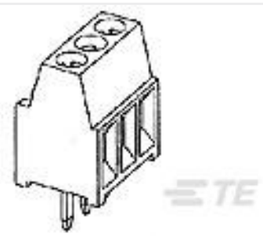
Solder Process Capability

Not applicable for solder process capability

Product Compliance Disclaimer

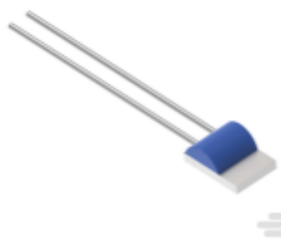
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



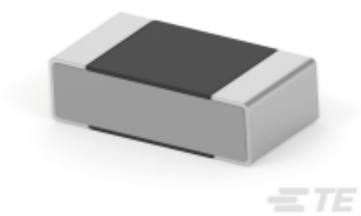
TE Part #282834-2

TERMI-BLOK PCB MOUNT, 90 2P.



TE Part #NB-PTCO-161

Pt100, 2.0x2.3, Class A, PTFC101A1A0



TE Part #5-1879207-2

RN 0603 340K 0.1% 10PPM 5K RL

Documents

Product Drawings

SHV BLKHD JACK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_225059-3_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_225059-3_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_225059-3_D.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

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

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

English