225608-4 × OBSOLETE

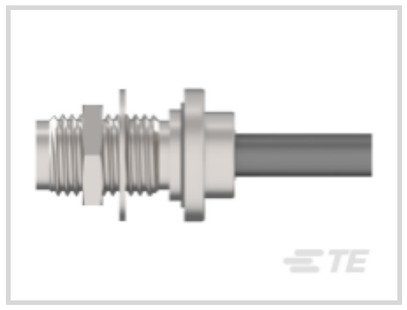
AMP | SMA

TE Internal #: 225608-4

TE Internal Description: SMA BULKHEAD JACK

View on TE.com >

Connectors > RF Connectors > Coax Connectors




RF Interface: **SMA**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **6.35 mm [.25 in]**

Impedance: **50 Ω**

RF Connector Coupling Mechanism: **Threaded**

Features

Product Type Features

Connector Seal & Plug Type	O-Ring
Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Jack
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

Body Material	Stainless Steel
Body Material Finish	Passivated

Contact Features

Ferrule Material	Copper
RF Connector Contact Configuration	Not Captivated
RF Connector Center Contact Underplating Material	Nickel
RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	Without

Housing Features

Body Orientation	Straight

Dimensions

Product Length	26.93 mm[1.06 in]
Panel Thickness (Recommended)	1.4 – 2.62 mm[.055 – .103 in]
RF Connector Mated Outer Diameter (Approximate)	6.35 mm[.25 in]

Operation/Application

Operating Frequency Range	11 GHz

Packaging Features

Packaging Method	Package

Other

Coupling Nut Base Material	Stainless Steel
Coupling Nut Plating Finish	Passivated
Dielectric Material	Fluoropolymer

Product Compliance

For compliance documentation, visit the product page on TE.com>

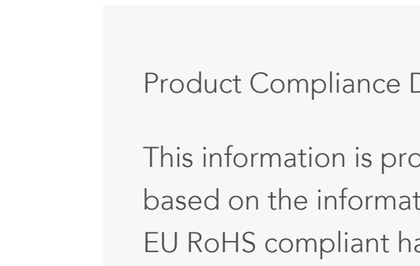
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions

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 2025 (250) Candidate List Declared Against: JUN 2016 (169) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

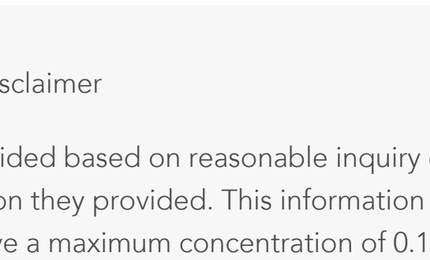
Product Compliance Disclaimer

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

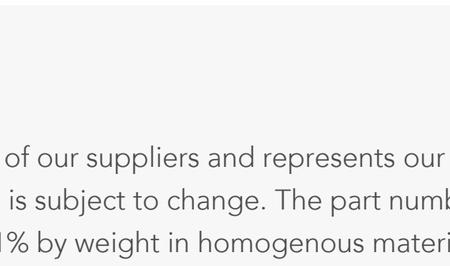
Also in the Series | SMA



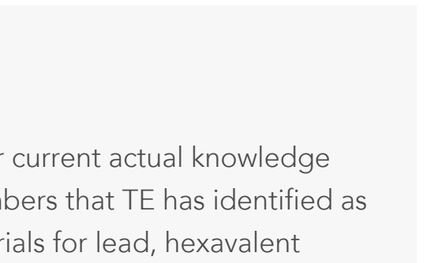
Battery Holders(1)



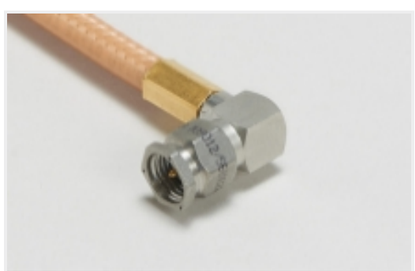
Connector Adapters & Connector Savers(8)



Connector Caps & Covers(3)



Connector Strain Relief(1)

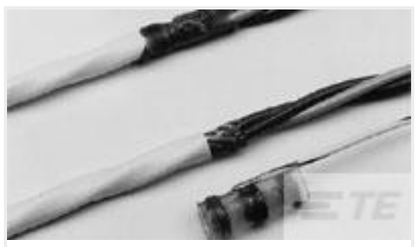


RF Cable Assemblies(119)

Customers Also Bought

TE Part #6162-325-1231
COAX SOC ASSY

TE Part #6162-324-1231
COAX PIN ASSY



TE Part #187788-000
SO63-3-00



TE Part #1051156-1
2007 7985 00,SMA RA CABLE PLUG

Documents

Product Drawings

SMA BULKHEAD JACK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_225608-4_AG.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_225608-4_AG.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_225608-4_AG.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Instruction Sheets

Instruction Sheet (U.S.)

English