



Connectors > RF Connectors > Coax Connectors



RF Interface: **SMA**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **8.99 mm [.354 in]**

Impedance: **50 Ω**

RF Connector Coupling Mechanism: **Threaded**

Features

Termination Features

Termination Method to PCB	Through Hole - Solder
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Other

Number of Panel Mounting Holes	4
Dielectric Material	PTFE
EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions

Contact Features

RF Connector Contact Configuration	Captivated Contacts
RF Connector Center Contact Underplating Material	Copper
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

Configuration Features

PCB Mount Orientation	Edge
Number of Positions	1
Number of Coaxial Contacts	1

Mechanical Attachment

Panel Mount Feature Type	Flange
Panel Attachment Style	Rear Mount
RF Connector Coupling Mechanism	Threaded



Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical

Dimensions

Product Length	11.1 mm[.437 in]
RF Connector Mated Outer Diameter (Approximate)	8.99 mm[.354 in]

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Jack
Connector & Contact Terminates To	Printed Circuit Board, Wire & Cable

Electrical Characteristics

Impedance	50 Ω
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Operation/Application

Operating Frequency	18 GHz
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Body Features

Body Material	Stainless Steel
Body Material Finish	Passivated

Packaging Features

Packaging Method	Carton
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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	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (.6% 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

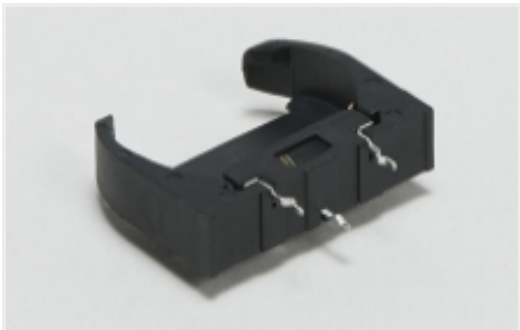
Solder Process Capability

Pin-in-Paste capable to 260°C

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>

Also in the Series | SMA



Battery Holders(1)



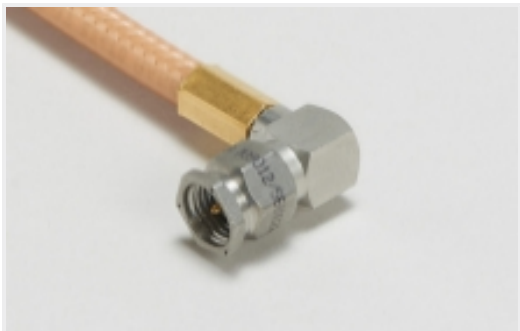
Connector Adapters & Connector Savers(8)



Connector Caps & Covers(3)



Connector Strain Relief(1)

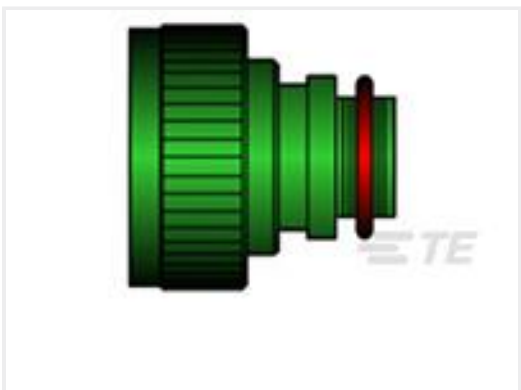


RF Cable Assemblies(2)

Customers Also Bought



TE Part #6-102618-5
34 MODII HDR DRST SHRD .100CL



TE Part #767625-000
TXR41AB00-2014AI



TE Part #382327-000
TXR54AB90-1207AI



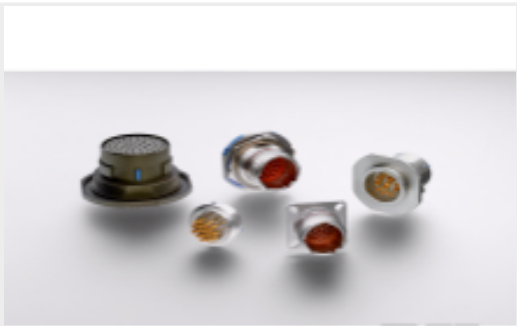
TE Part #CAT-D38999-DTS15W
Jam Nut: D38999, 23-21 Insert



TE Part #YDTS24W21-39SAV001
RECP ASSY



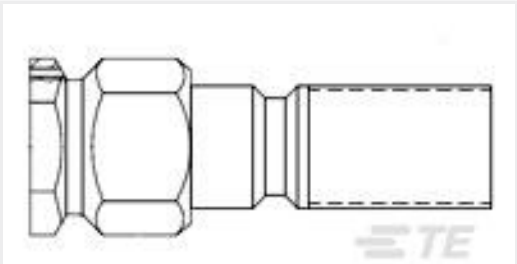
TE Part #YDTS24W25-24SAV001
RECP ASSY



TE Part #YDTS24W25-29SNV001
RECP ASSY



TE Part #YDTS24W21-16PAV001
RECP ASSY



TE Part #1051788-1
SMA CABLE PLUG 2031 8052 92

Documents

Product Drawings

2054 1231 02

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1052982-1_A_c-1052982-1-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1052982-1_A_c-1052982-1-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1052982-1_A_c-1052982-1-a.3d_stp.zip

English

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

Datasheets & Catalog Pages

SMA Connectors

English