2081977-1 × OBSOLETE

RF 4.3 – 10

TE Internal #: 2081977-1

TE Internal Description: 4.3-10 STR F RECEPTACLE, FLANGE, SPRAY

View on TE.com >

Connectors > RF Connectors > Coax Connectors



RF Interface: **4.3-10**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **32 mm [1.26 in]**

Impedance: **50 Ω**

RF Connector Coupling Mechanism: **Screw**

Features

Product Type Features

Connector Seal & Plug Type	Interface Seal
Connector Product Type	Connector Assembly
Connector Shape	Circular
RF Interface	4.3-10
RF Connector Style	Jack
Connector System	Cable-to-Panel
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω

Body Features

Body Material	Brass
Body Material Finish	Bright
Body Plating Material	White Bronze

Contact Features

RF Connector Center Contact Plating Material	Silver (Ag)

RF Connector Center Contact Material	Bronze

Termination Features

Termination Post & Tail Length	4 mm[.157 in]

Mechanical Attachment

Panel Attachment Style	Front Mount
Panel Mount Feature Type	Flange with Mounting Holes
RF Connector Coupling Mechanism	Screw
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Screw

Dimensions

Panel Thickness (Recommended)	4 mm
Product Length	34 mm
RF Connector Mated Outer Diameter (Approximate)	32 mm[1.26 in]

Usage Conditions

Insulation Option	Uninsulated

Operation/Application

Operating Frequency Range	0 – 6 GHz

Packaging Features

Packaging Quantity	210
Packaging Method	Box

Other

Gasket Material	Silicone Rubber
Dielectric Material	Polytetrafluoroethylene (PTFE)

Product Compliance

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

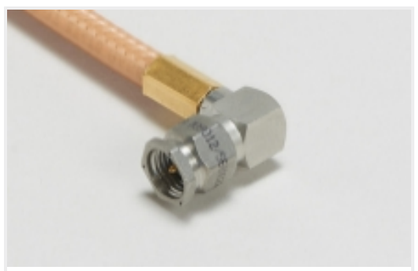
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2023 (233)

	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 Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

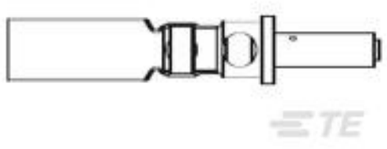
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 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 | RF 4.3 – 10



RF Cable Assemblies(1)

Customers Also Bought



TE Part #165805-000
D-602-0144



TE Part #293973-000
TXR40AB00-1612AI



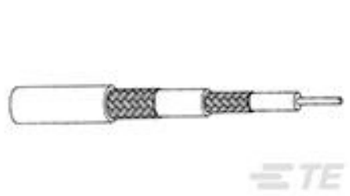
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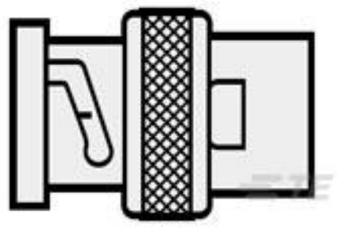
TE Part #554173-000
TXR40AB00-1406AI



TE Part #806677-000
214A032-25-0



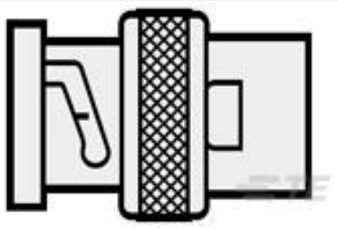
TE Part #430079-000
7528A5314-0



TE Part #918455-000
RBD-75-S-00



TE Part #980286-000
242W042-25-0



TE Part #900469-000
RBD-50-M-00



TE Part #4451903001
0024A0311-0

Documents

Product Drawings

4.3-10 STR F RECEPTACLE, FLANGE, SPRAY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2081977-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2081977-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2081977-1_A.3d_stp.zip

English

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

Product Specifications

Product Specification

English