2081971-1 ✔ ACTIVE

TE Internal #: 2081971-1

RF Connectors, 4.3-10 RF Interface, Plug, RF Connector Mated Outer Diameter (Approximate) .984 in [25 mm], 50 Ω

View on TE.com >

Connectors > RF & Coax Connectors > RF Connectors



RF Interface: **4.3-10**

RF Connector Style: **Plug**

RF Connector Mated Outer Diameter (Approximate): **25 mm [.984 in]**

Impedance: **50 Ω**

Compatible With RF Cable Type: **1/2" Flex Cable**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	4.3-10
RF Connector Style	Plug
Compatible With RF Cable Type	1/2" Flex Cable
Connector System	Cable-to-Cable
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector Seal Type	Interface Seal

Configuration Features

Number of Mounting Legs	0
Number of Signal Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Insulation Resistance	5000 MΩ
Voltage Rating	2500 VAC
Impedance	50 Ω

Body Features

Body Shape	Circular

Cable Connector Orientation	Straight
Body Material	Brass
Body Material Finish	Bright
Body Plating Material	White Bronze

Contact Features

RF Connector Center Contact Plating Material	Silver
RF Connector Center Contact Material	Bronze

Termination Features

Termination Method to Wire & Cable	Clamp
Termination Post & Tail Length	0 mm[0 in]

Mechanical Attachment

Mounting Hardware Type	Fixing Screw
Mating Retention Type	Screw
RF Connector Coupling Mechanism	Screw
Connector Mounting Type	Cable Mount (Free-Hanging)
RF Contact Captivation Method	Screw

Dimensions

Product Length	48.9 mm
RF Connector Mated Outer Diameter (Approximate)	25 mm[.984 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C, -40 – 85 °C[-40 – 185 °F][-40 – 185 °F]

Operation/Application

Operating Frequency	0 – 6 GHz

Packaging Features

Packaging Quantity	150
Packaging Method	Box

Other

Cable Entry	Straight
Coupling Nut Plating Material	Nickel
Coupling Nut Plating Finish	Plated
Gasket Material	Silicone Rubber

Coupling Nut Style	Hex
Coupling Nut Base Material	Brass
Dielectric Material	PTFE

Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Not reviewed for China RoHS compliance
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUN 2020 (209) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
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.

Compatible Parts



TE Model / Part # 2081977-1
4.3-10 STR F RECEPTACLE, FLANGE, SPRAY



TE Model / Part # 2081973-1
4.3-10 STR JACK,FLANGE,SOLDER, RG141

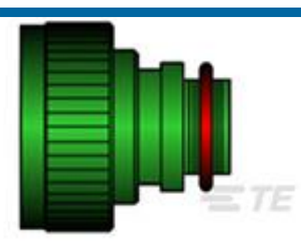


TE Model / Part # 2081974-1
4.3-10 STR JACK,FLANGE,SOLDER, 380 CABLE

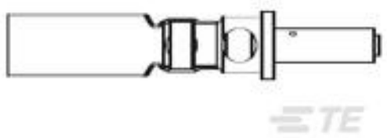
Customers Also Bought



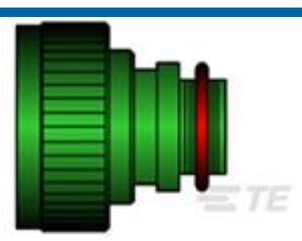
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TXR40AB00-1612AI



TE Model / Part #146995-000
TXR40AB00-1410AI



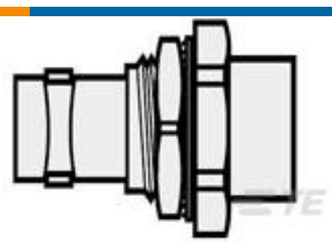
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D-602-0144



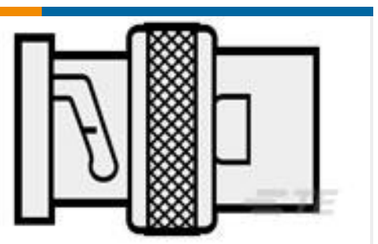
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TXR40AB00-1406AI



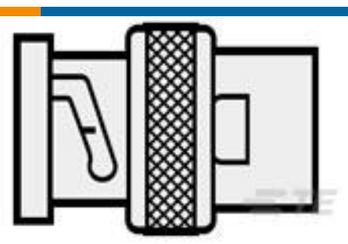
TE Model / Part #430079-000
7528A5314-0



TE Model / Part #534583-000
RBD-75-M-02



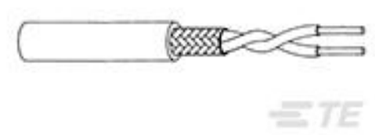
TE Model / Part #900469-000
RBD-50-M-00



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



TE Model / Part #440063-007
7528A1317-0



TE Model / Part #4451903001
0024A0311-0

Documents

Product Drawings

4.3-10 STR PLUG,SCREW,CLAMP,1-2 CABLE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2081971-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2081971-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2081971-1_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

Instruction Sheets

Instruction Sheet (U.S.)

English