



Connectors > RF & Coax Connectors > RF Connectors



RF Interface: 4.3-10

RF Connector Style: Receptacle

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

Impedance: 50 Ω

RF Connector Coupling Mechanism: Screw

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	4.3-10
RF Connector Style	Receptacle
Connector System	Cable-to-Panel
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board
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
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 Post & Tail Length	4 mm[.157 in]
--------------------------------	---------------

Mechanical Attachment

Panel Attachment Style	Front Mount
Panel Mount Feature Type	Flange with Mounting Holes
Mating Retention Type	Threaded
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

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	210
Packaging Method	Box

Other

Gasket Material	Silicone Rubber
Flange and Thread Material	Brass
Flange Shape	Square
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	ECHAによる現在の候補リスト: 2020年1月 (205) 調査前
EU REACH Regulation (EC) No. 1907/2006	ECHAによる現在の候補リスト: 2020年1月 (205) 調査前
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 # 2081968-1
4.3-10 STR PLUG,SCREW, SOLDER,1-2 CABLE



TE Model / Part # 2081969-1
4.3-10 RA PLUG,SCREW,SOLDER,1-2SF CABLE



TE Model / Part # 2081970-1
4.3-10 STR PLUG,SCREW,CLAMP,1-2SF CABLE



TE Model / Part # 2081967-1
4.3-10 STR PLUG,SCREW,SOLDER,1-2SF CABLE



TE Model / Part # 2081972-1
4.3-10 STR PLUG,SCREW,CLAMP,7-8 CABLE

TE Model / Part # 2081976-1
CA,4310 STR PLUG TO RA PLUG,1-2SF,1M

TE Model / Part # 2081971-1
4.3-10 STR PLUG,SCREW,CLAMP,1-2 CABLE

TE Model / Part # 2081975-1
CA,4310 STR PLUG TO STR PLUG,1-2SF,1M

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