

2081973-1 ✓ ACTIVE

TE Internal #: 2081973-1

RF Connectors, 4.3-10 RF Interface, Jack, RF Connector Mated
Outer Diameter (Approximate) 1.26 in [32 mm], 50 Ω , Compatible
With RF Cable Type RG 141

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Connectors > RF & Coax Connectors > RF Connectors



RF Interface: **4.3-10**

RF Connector Style: **Jack**

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

Impedance: **50 Ω**

Compatible With RF Cable Type: **RG 141**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	4.3-10
RF Connector Style	Jack
Compatible With RF Cable Type	RG 141
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 M Ω
Voltage Rating	2500 VAC
Impedance	50 Ω

Body Features

Body Shape	Circular
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Cable Connector Orientation	Straight
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Body Material	Brass
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Body Material Finish	Bright
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Body Plating Material	White Bronze
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Contact Features

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

Termination Method to Wire & Cable	Solder
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Termination Post & Tail Length	0 mm[0 in]
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Mechanical Attachment

Panel Attachment Style	Front Mount, Rear Mount
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Panel Mount Feature Type	Flange with Mounting Holes
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Mating Retention Type	Threaded
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RF Connector Coupling Mechanism	Screw
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Connector Mounting Type	Panel Mount
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RF Contact Captivation Method	Screw
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Dimensions

Panel Thickness (Recommended)	3 mm
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Product Length	29.7 mm
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RF Connector Mated Outer Diameter (Approximate)	32 mm[1.26 in]
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Usage Conditions

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

Operating Frequency	0 – 6 GHz
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Packaging Features

Packaging Quantity	210
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Packaging Method	Box
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Other

Cable Entry	Straight
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Flange and Thread Material	Brass
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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	Current ECHA Candidate List: JAN 2020 (205) Not Yet Reviewed
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) 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 # 2081968-1
4.3-10 STR PLUG, SCREW, SOLDER, 1-2SF 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



Documents

Product Drawings

[4.3-10 STR JACK, FLANGE, SOLDER, RG141](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2081973-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2081973-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2081973-1_A.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English