

5-1634552-1 x OBSOLETE

TE Internal #: 5-1634552-1

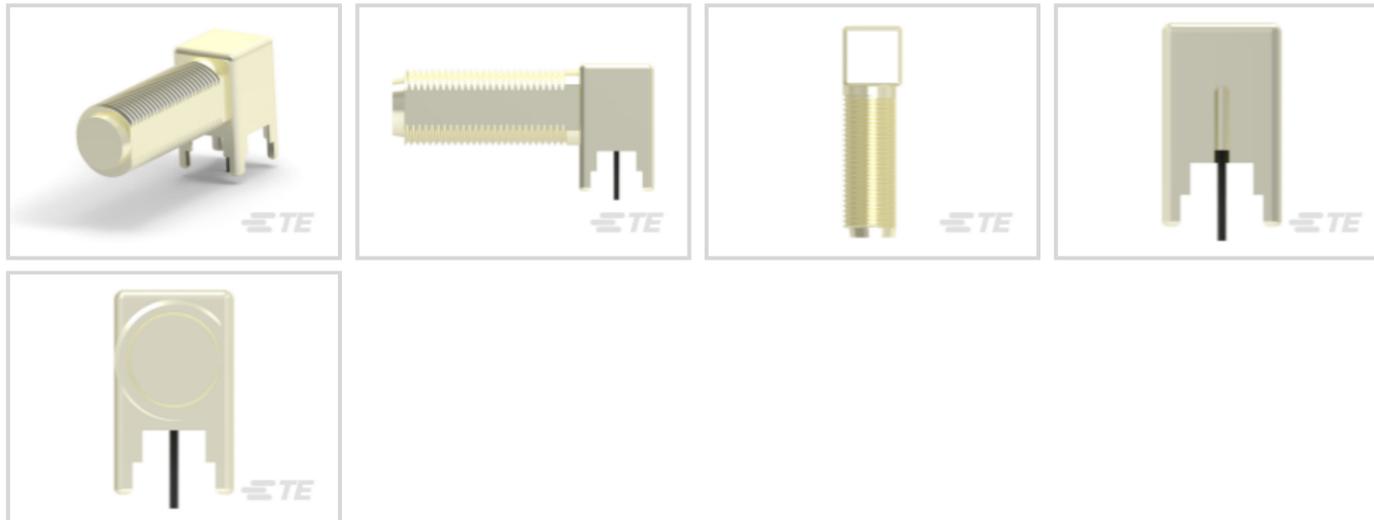
TE Internal Description: F Series Connector Elbow Jack PCB Extend

F Type Connector: Elbow Jack PCB (Jack), Right Angle

[View on TE.com >](#)



Connectors > RF Coax Connectors > RF Connectors > F Type Connector: Elbow Jack PCB (Jack), Right Angle



RF Interface: **F Type**

RF Connector Style: **Jack**

Impedance: **75 Ω**

RF Connector Coupling Mechanism: **Threaded**

Operating Frequency: **2 GHz**

[All F Type Connector: Elbow Jack PCB \(Jack\), Right Angle \(0\)](#)

Features

Product Type Features

RF Interface	F Type
RF Connector Style	Jack
Connector System	Cable-to-Board, Cable-to-Panel
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Right Angle
Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	75 Ω
-----------	-------------

Body Features

Body Underplating Material	Copper
----------------------------	--------



Body Material	Zinc Alloy
---------------	------------

Body Plating Material	Nickel
-----------------------	--------

Contact Features

RF Connector Center Contact Underplating Material	Copper
---	--------

RF Connector Center Contact Plating Material	Tin
--	-----

RF Connector Center Contact Material	Phosphor Bronze
--------------------------------------	-----------------

Termination Features

Termination Post & Tail Length	6.7 mm[.263 in]
--------------------------------	-----------------

Termination Method to Printed Circuit Board	Surface Mount
---	---------------

Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
---------------------------------	----------

Connector Mounting Type	Board Mount
-------------------------	-------------

RF Contact Captivation Method	Mechanical
-------------------------------	------------

Detent	Without
--------	---------

Dimensions

Profile Height from PCB	11 mm[.433 in]
-------------------------	----------------

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
-----------------------------	---------------------------

Operation/Application

Operating Frequency	2 GHz
---------------------	-------

Packaging Features

Packaging Quantity	1
--------------------	---

Packaging Method	Box
------------------	-----

Other

RF Connector Comment	Extended
----------------------	----------

Dielectric Material	TPX
---------------------	-----

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 2022 (224)

Candidate List Declared Against: JUNE 2022 (224)

SVHC > Threshold:

Pb (3.1% 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, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Wave solder capable to 265°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>

Documents

Product Drawings

F Series Connector Elbow Jack PCB Extend

English

CAD Files

3D PDF

3D

Customer View Model**[ENG_CVM_CVM_5-1634552-1_D.2d_dxf.zip](#)**

English

Customer View Model**[ENG_CVM_CVM_5-1634552-1_D.3d_igs.zip](#)**

English

Customer View Model**[ENG_CVM_CVM_5-1634552-1_D.3d_stp.zip](#)**

English

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

Product Specifications



[Economy RF Coaxial Connectors](#)

English

[Product Specification](#)

English

[Product Environmental Compliance](#)

[TE Material Declaration](#)

English