



Connectors > RF Connectors > Coax Connectors > F Type Connectors: Plug, 75 Ohm



RF Interface: **F Type**

RF Connector Style: **Plug**

RF Connector Mated Outer Diameter (Approximate): **9.65 mm [.38 in]**

Impedance: **75 Ω**

Compatible With RF Cable Type: **RG 6**

[All F Type Connectors: Plug, 75 Ohm \(0\)](#)

Features

Product Type Features

RF Interface	F Type
RF Connector Style	Plug
Compatible With RF Cable Type	RG 6
Connector System	Cable-to-Cable
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	75 Ω
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Body Features

Cable Connector Orientation	Straight
Body Material	Brass
Body Plating Material	Nickel

Contact Features

Crimp Type	Hexagonal Crimping
RF Connector Center Contact Plating Material	Nickel



RF Connector Center Contact Material	Brass
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Cable Mount (Free-Hanging)
RF Contact Captivation Method	Mechanical
Detent	Without

Dimensions

RF Connector Mated Outer Diameter (Approximate)	9.65 mm[.38 in]
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Operation/Application

Operating Frequency	1 GHz
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Packaging Features

Packaging Quantity	10
Packaging Method	Box

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	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: JAN 2025 (247) Candidate List Declared Against: JUN 2016 (169) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

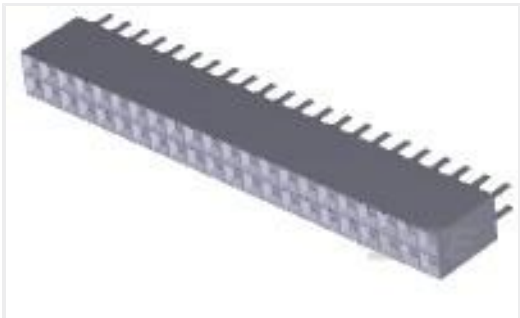
Product Compliance Disclaimer

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.

Customers Also Bought



TE Part #2-534206-2
44 MODII VRT DR CE 100/115



TE Part #820671-000
222K132-3/42-0



TE Part #5558505-1
MJ ASSY,8P,8 POS,CAT5,PCB GND



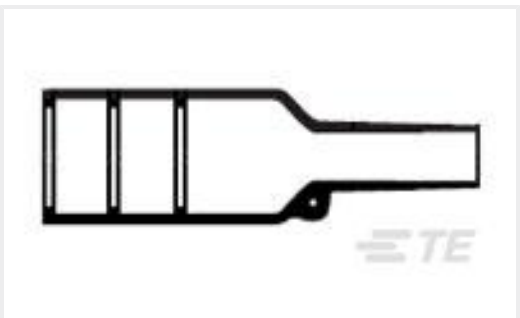
TE Part #5-1625984-3
HSA50 39R 5%



TE Part #3823593004
44A1121-26-2/6-9



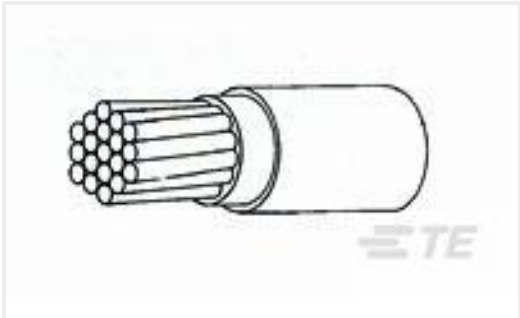
TE Part #2176056-3
RLP73V 2B R012 5% 5K RL



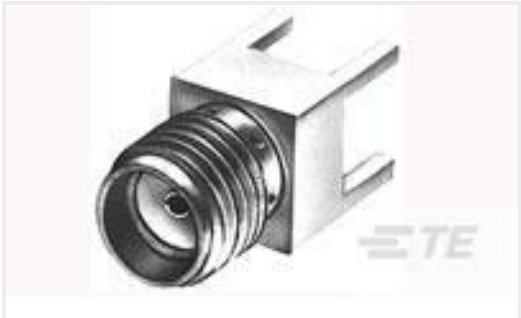
TE Part #878081-000
202K132-3/42-0



TE Part #5-1614884-1
CPF 0805 300R 0.1% 25PPM 1K RL



TE Part #2831443005
44A0111-18-2L



TE Part #1408332-1
QMA STRAIGHT PWB JACK

Documents

Product Drawings
PLUG, F SERIES,FERRULE,RG-6

English

Product Specifications
Product Specification

English



Connector, Coaxial, F Series, RF, Single Crimp, Plug

English

Product Specification

Japanese

Instruction Sheets

Instruction Sheet (U.S.)

English

Coaxial Series F Plug Connectors

English

Agency Approvals

UL Report

English