

F Type Str Plg Hex 75 Ohm CT125 ✓ ACTIVE

MEAS G Series

TE Part # 5-1814821-7

TE Internal #: 5-1814821-7

[View on TE.com >](#)



Connectors > RF & Coax Connectors > RF Connectors



RF Interface: **F Series**

RF Connector Style: **Plug**

RF Connector Mated Outer Diameter (Approximate): **10.5 mm [.413 in]**

Impedance: **75 Ω**

Cable Type: **CT125**

Features

Product Type Features

RF Interface	F Series
RF Connector Style	Plug
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Port Configuration	Single Port
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	Hex
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

RF Connector Coupling Mechanism	Screw
Connector Mounting Type	Panel
RF Contact Captivation Method	Mechanical
Detent	Without

Dimensions

Ferrule Length	Long
RF Connector Mated Outer Diameter (Approximate)	10.5 mm[.413 in]

Usage Conditions

Cable Type	CT125
Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]

Operation/Application

Operating Frequency	1 GHz
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Packaging Features

Packaging Method	Box
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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: JAN 2019 (197) 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.

Compatible Parts



RF Connectors(20)

Also in the Series | MEAS G Series



In-Series Adapters(3)



RF Connectors(32)



RJ45 Connectors(1)



Tilt Sensors & Inclinometers(1)

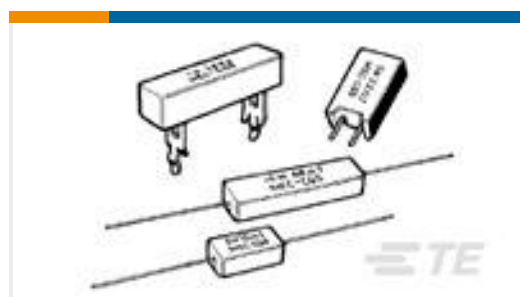
Customers Also Bought



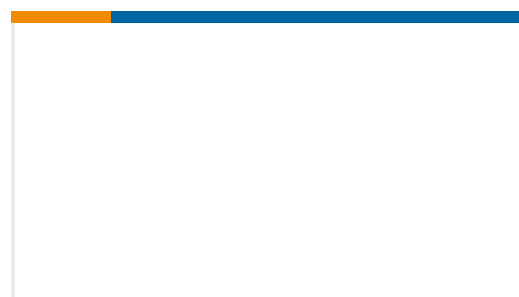
TE Part #5-1814821-1
F Type Str Plg Hex 75
Ohm RG59B/U, 62A/U



TE Part #5-1814821-3
F Type Str Plg Hex 75
Ohm RG6/U



TE Part #2-1879009-2
SQB30 68R 5% 6.35MM
FASTON



TE Part #3-2213764-9
AV19 SPL 5A FIX RING
LED BLUE 24V



TE Part #1623776-4
MPC5 10K 5%



TE Part #1-1623776-1
MPC5 20K 5%



TE Part #6-1440000-8
OMIH-SH-109LM,394



TE Part #2106489-3
Connector, Thru Hole-IDC,
3 pos, 18AWG



TE Part #1-1623893-3
416M 200K

Documents

Product Drawings

F Type Str Plg Hex 75 Ohm CT125

English

CAD Files

Customer View Model

[ENG_CVM_CVM_5-1814821-7_B.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5-1814821-7_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1814821-7_B.3d_stp.zip](#)

English