5-1814821-7 × OBSOLETE

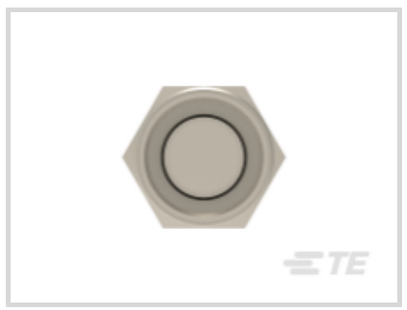
TE Internal #: 5-1814821-7

TE Internal Description: F Type Str Plg Hex 75 Ohm CT125

View on TE.com >

Connectors > RF Connectors > Coax Connectors




RF Interface: **F Type**

RF Connector Style: **Plug**

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

Impedance: **75 Ω**

RF Connector Coupling Mechanism: **Screw**

Features

Product Type Features

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

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	75 Ω

Body Features

Body Material	Brass
Body Plating Material	Nickel

Contact Features

Crimp Type	Hexagonal Crimping

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

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

Housing Features

Body Orientation	Straight

Dimensions

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

Operation/Application

Operating Frequency Range	1 GHz

Packaging Features

Packaging Method	Box

Product Compliance

For compliance documentation, visit the product page on TE.com>

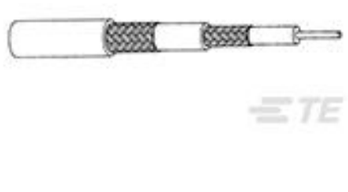
EU RoHS Directive 2011/65/EU	Not Yet Reviewed
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

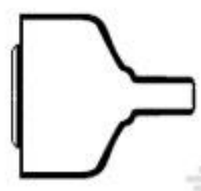
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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.

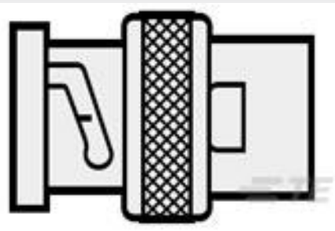
Customers Also Bought



TE Part #430079-000
7528A5314-0



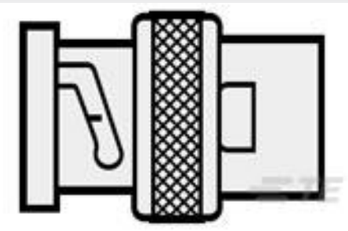
TE Part #806677-000
214A032-25-0



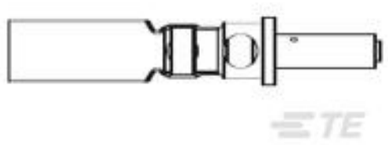
TE Part #918455-000
RBD-75-S-00



TE Part #980286-000
242W042-25-0



TE Part #900469-000
RBD-50-M-00



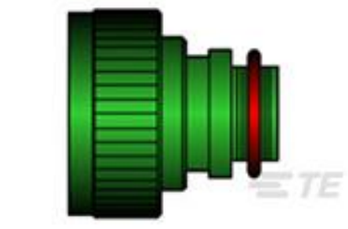
TE Part #165805-000
D-602-0144



TE Part #293973-000
TXR40AB00-1612AI



TE Part #658819-000
TXR40AB00-1006AI



TE Part #554173-000
TXR40AB00-1406AI



TE Part #4451903001
0024A0311-0

Documents

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

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

Agency Approvals

UL Report

English