



Connectors > RF Connectors > Coax Connectors



RF Interface: **OSP**

RF Connector Style: **Plug**

RF Connector Mated Outer Diameter (Approximate): **7.62 mm [.3 in]**

Impedance: **50 Ω**

RF Connector Coupling Mechanism: **Push-On**

Features

Product Type Features

Connector Seal & Plug Type	Gasket, O-Ring
RF Interface	OSP
RF Connector Style	Plug
Connector System	Cable-to-Panel
Sealable	Yes

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

Cable Connector Orientation	Straight
Body Material	Stainless Steel
Body Material Finish	Passivated

Contact Features

RF Connector Center Contact Underplating Material	Copper
RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Beryllium Copper

Mechanical Attachment

Panel Mount Feature Type	Flange
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Panel Attachment Style	Front Mount
RF Connector Coupling Mechanism	Push-On
Connector Mounting Type	Panel Mount
Detent	Without

Dimensions

RF Connector Mated Outer Diameter (Approximate)	7.62 mm[.3 in]
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Operation/Application

Operating Frequency Range	18 GHz
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Packaging Features

Packaging Method	Package
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Other

Gasket Material	Conductive Silver, Silicone Elastomers
Number of Panel Mounting Holes	2
Dielectric Material	TFE Fluorocarbon

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 2025 (247) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Pb (.6% 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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Pin-in-Paste capable to 260°C

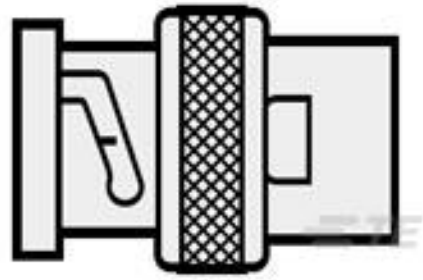
Product Compliance Disclaimer

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

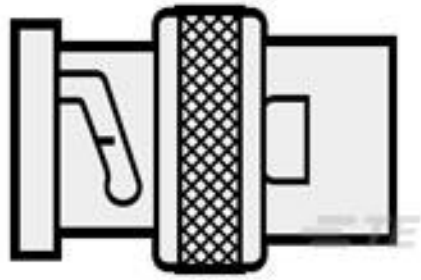


will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or 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>


Customers Also Bought



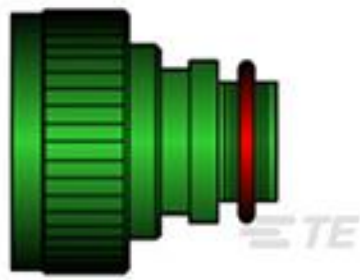
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RBD-50-M-00



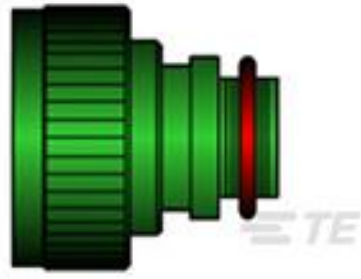
TE Part #918455-000
RBD-75-S-00




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



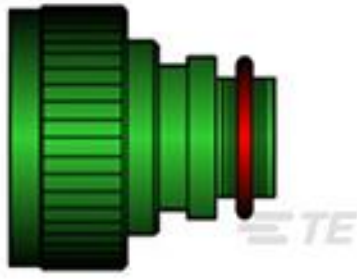
TE Part #293973-000
TXR40AB00-1612AI




TE Part #554173-000
TXR40AB00-1406AI




TE Part #165805-000
D-602-0144



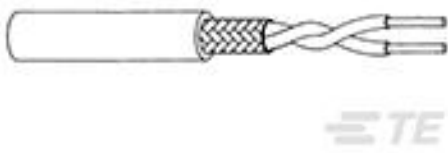
TE Part #658819-000
TXR40AB00-1006AI



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



TE Part #430079-000
7528A5314-0



TE Part #4451903001
0024A0311-0

Documents

Product Drawings

4551 5047 02

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1059590-1_B.2d_dxf.zip

English

Customer View Model



[ENG_CVM_CVM_1059590-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1059590-1_B.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

Blind Mate Connectors

English