



Connectors > RF Connectors > Coax Connectors



RF Interface: MCX

RF Connector Style: Plug

RF Connector Mated Outer Diameter (Approximate): 3.7 mm [.145 in]

Impedance: 50 Ω

Compatible With RF Cable Type: RG 178B, RG 196A, URM 110

Features

Product Type Features

RF Interface	MCX
RF Connector Style	Plug
Compatible With RF Cable Type	RG 178B, RG 196A, URM 110
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	50 Ω
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Body Features

Body Material	Brass
Body Plating Material	Gold

Contact Features



Ferrule Plating Material	Gold
Ferrule Material	Brass
Crimp Type	Hexagonal Crimping
RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Brass

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

RF Connector Coupling Mechanism	Snap-On
RF Contact Captivation Method	Mechanical
Detent	Without

Housing Features

Body Orientation	Right Angle
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Dimensions

RF Connector Mated Outer Diameter (Approximate)	3.7 mm[.145 in]
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Operation/Application

Operating Frequency Range	6 GHz
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Packaging Features

Packaging Quantity	50
Packaging Method	Tray

Other

Grade	Professional
Dielectric Material	Polytetrafluoroethylene (PTFE)

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	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250)



Candidate List Declared Against: JUL 2021
(219)
SVHC > Threshold:
Pb (4% 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 < 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 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>

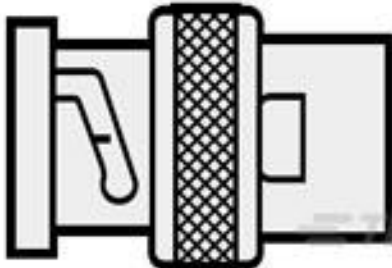
Customers Also Bought



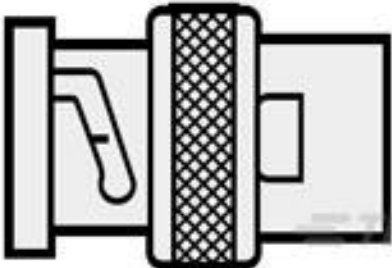
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7528A5314-0




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




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



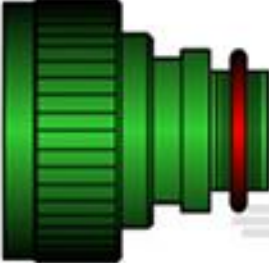
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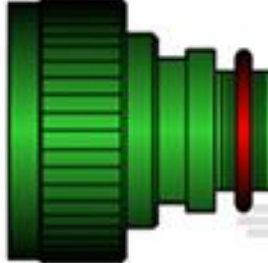
TE Part #980286-000
242W042-25-0



TE Part #165805-000
D-602-0144



TE Part #293973-000
TXR40AB00-1612AI



TE Part #658819-000
TXR40AB00-1006AI



Documents

Product Drawings

[MCX R/A Plg Hex 50Ohm Gold Pltd RG178B/U](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-1337584-0_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1337584-0_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1337584-0_D.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[1-1773725-8_RF_COAX_QRG](#)

English

Product Specifications

[Product Specification](#)

English