

1-1337588-0 **x** OBSOLETE

TE Internal #: 1-1337588-0

TE Internal Description: MCX BHI Hex 50Ohm Gold Pltd RG174A

/U, 18

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Connectors > RF Coax Connectors > RF Connectors



RF Interface: **MCX**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **6.5 mm [.255 in]**

Impedance: **50 Ω**

Compatible With RF Cable Type: **KX 22A, KX 3B**

Features

Product Type Features

Connector Shape	Circular
RF Interface	MCX
RF Connector Style	Jack
Compatible With RF Cable Type	KX 22A, KX 3B
Connector System	Cable-to-Panel
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

Cable Connector Orientation	Straight
Body Material	Brass
Body Plating Material	Gold

Contact Features

Ferrule Plating Material	Gold
Crimp Type	Hex

Ferrule Material	Brass
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Panel Attachment Style	Front Mount
PCB Mount Retention	Without
Panel Mount Feature Type	Hex Nut
RF Connector Coupling Mechanism	Snap-On
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	Without

Dimensions

Panel Thickness (Recommended)	5 mm [.197 in]
RF Connector Mated Outer Diameter (Approximate)	6.5 mm [.255 in]

Usage Conditions

Operating Temperature Range	-55 – 155 °C [-67 – 311 °F]
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Operation/Application

Operating Frequency	6 GHz
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Packaging Features

Packaging Quantity	50
Packaging Method	Tray

Other

Lockwasher Material	Brass
Grade	Professional
Dielectric Material	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

Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2022 (224)

Candidate List Declared Against: JUN 2016 (169)

SVHC > Threshold:

Not Yet Reviewed

Halogen Content

Low Bromine/Chlorine - Br and Cl < 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.

Documents

Product Drawings

[MCX BHJ Hex 50Ohm Gold Pltd RG174A/U, 18](#)

English

Product Specifications

[Product Specification](#)

English