



TE Internal #: 1-1337477-0

RF Connectors, SMB RF Interface, Jack, 50 Ω, KX 3B / KX 22A, Snap-On, 4 GHz Operating Frequency, Cable-to-Cable, 1 Position, Wire & Cable

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Connectors > RF Coax Connectors > RF Connectors



RF Interface: **SMB**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **4.75 mm [ .187 in ]**

Impedance: **50 Ω**

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

## Features

### Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMB
RF Connector Style	Jack
Compatible With RF Cable Type	KX 22A, KX 3B
Connector System	Cable-to-Cable
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

Crimp Type	Hex
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RF Connector Center Contact Plating Material	Gold
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RF Connector Center Contact Material	Brass
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### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

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

Product Length	16.1 mm[.634 in]
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RF Connector Mated Outer Diameter (Approximate)	4.75 mm[.187 in]
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### Usage Conditions

Operating Temperature Range	-65 – 165 °C[-85 – 329 °F]
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### Operation/Application

Operating Frequency	4 GHz
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### Packaging Features

Packaging Quantity	100
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Packaging Method	Tray
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### Other

Additional Features	Solderless
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Grade	Professional
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Dielectric Material	PTFE
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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
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (4% in Component Part)
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**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, 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 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>

## Compatible Parts



## Documents

**Product Drawings**

SMB Str Jk Hex 50Ohm Gold Pltd RG174A/U,

English

**Datasheets & Catalog Pages**

1-1773725-8\_RF\_COAX\_QRG

English