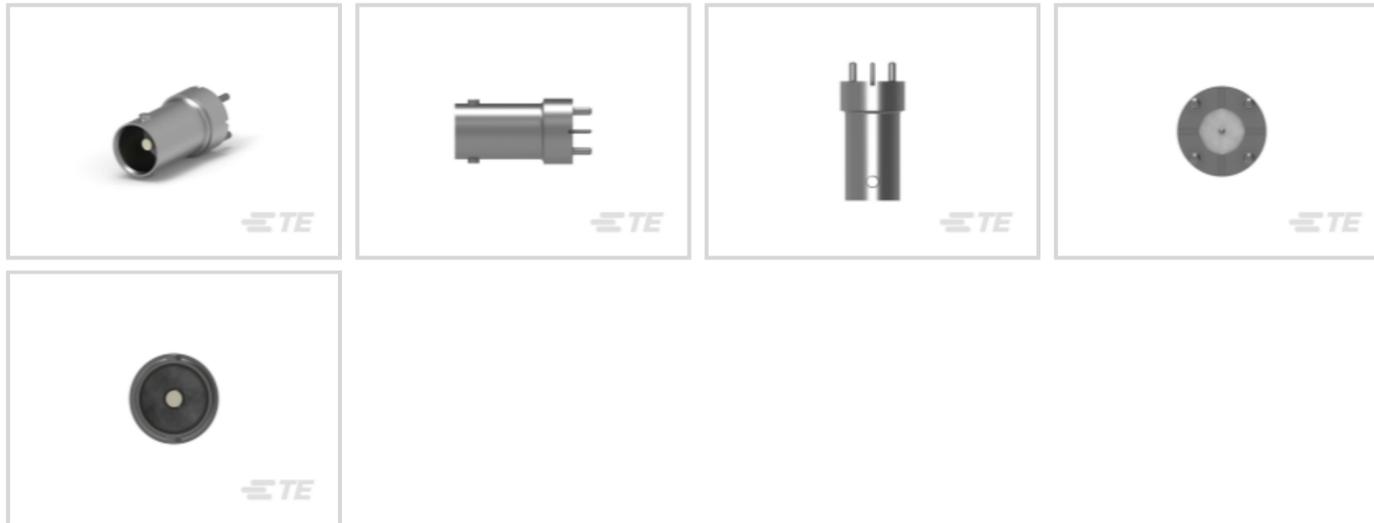




TE Internal #: 6274291-1
 RF Connectors, BNC RF Interface, Jack, 75 Ω, Bayonet, 2 GHz
 Operating Frequency, Cable-to-Board, 1 Position, Printed Circuit
 Board, Panel Mount

[View on TE.com >](#)

Connectors > RF Coax Connectors > RF Connectors



RF Interface: **BNC**
 RF Connector Style: **Jack**
 RF Connector Mated Outer Diameter (Approximate): **14.53 mm [.572 in]**
 Impedance: **75 Ω**
 RF Connector Coupling Mechanism: **Bayonet**

Features

Product Type Features

RF Interface	BNC
RF Connector Style	Jack
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	75 Ω
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Body Features

Body Material	Zinc
Body Material Finish	Plated



Body Plating Material	Tin
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Contact Features

RF Connector Center Contact Underplating Material	Nickel
	30 μin

RF Connector Center Contact Plating Material	Gold
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RF Connector Center Contact Material	Beryllium Copper
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Termination Features

Termination Post & Tail Length	3.3 mm[.13 in]
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Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

PCB Mount Retention	With
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RF Connector Coupling Mechanism	Bayonet
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Connector Mounting Type	Panel Mount
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Detent	With
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Dimensions

Mounting Post Length	3.3 mm[.13 in]
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Profile Height from PCB	20.57 mm[.81 in]
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RF Connector Mated Outer Diameter (Approximate)	14.53 mm[.572 in]
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Usage Conditions

Insulation Option	Uninsulated
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Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
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Operation/Application

Operating Frequency	2 GHz
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Packaging Features

Packaging Method	Package
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Other

Grade	Commercial
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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
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: 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	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°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>

Compatible Parts

TE Part # 1-5227079-6 COMM BNC PLUG	TE Part # 5221221-5 JACK BLKHD 75OHM BNC	TE Part # 228979-7 JACK,COML,SERIES BNC,GOLD PL	TE Part # 413779-3 COML BNC,50 OHM, HEX CRIMP
TE Part # 2016080-2 JACK,PCB,COMMERCIAL BNC	TE Part # 221221-5 JACK BLKHD 75OHM BNC	TE Part # 228979-6 JACK,COML,SERIES BNC,GOLD PL	TE Part # 414265-3 PLUG, TWIST ON, COML BNC



Documents

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_6274291-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6274291-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6274291-1_B.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_6274291-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_6274291-1_A.3d_stp.zip](#)

English



Customer View Model

[ENG_CVM_6274291-1_A.2d_dxf.zip](#)

English

[3D PDF](#)

English

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Datasheets & Catalog Pages

[BNC Connectors](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[MD_6274291-1_120320122157](#)

English

[MD_6274291-1_120320122157](#)

English