



TE Internal #: 5413515-2
BNC RF Interface, Jack, 50 Ω , Bayonet, 1 GHz Operating
Frequency, Cable-to-Panel / Cable-to-Board, 1 Position, Printed
Circuit Board, Panel Mount
[View on TE.com >](#)

Connectors > RF Connectors > Coax Connectors



RF Interface: **BNC**
RF Connector Style: **Jack**
RF Connector Mated Outer Diameter (Approximate): **14.53 mm [.572 in]**
Impedance: **50 Ω**
RF Connector Coupling Mechanism: **Bayonet**

Features

Product Type Features

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

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

Body Material	Zinc
Body Plating Material	Nickel

Contact Features

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RF Connector Center Contact Underplating Material	Nickel
	30 μin
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Phosphor Bronze

Termination Features

Termination Post & Tail Length	3.43 mm[.135 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

PCB Mount Retention	With
Panel Mount Feature Type	Lockwasher and Nut
RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	With

Dimensions

Mounting Post Length	4.01 mm[.158 in]
Profile Height from PCB	13.18 mm[.519 in]
RF Connector Mated Outer Diameter (Approximate)	14.53 mm[.572 in]

Usage Conditions

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

Operating Frequency	1 GHz
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Packaging Features

Packaging Method	Tube
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Other

Grade	Commercial
Dielectric Material	Polymethylpentene

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

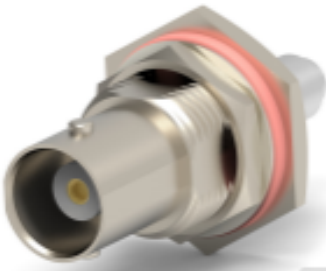


China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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>

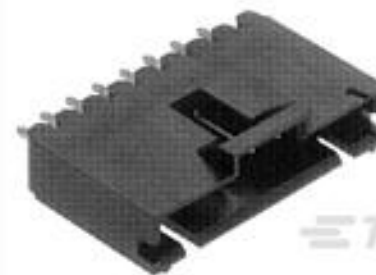
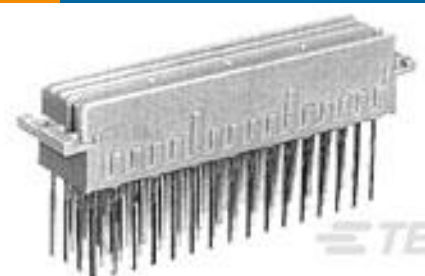
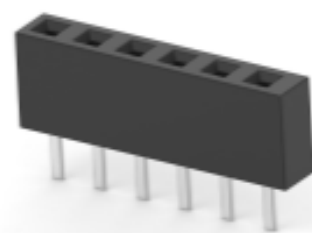
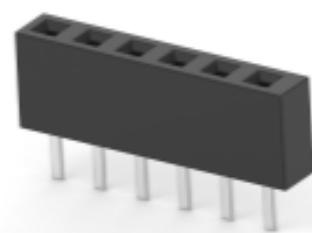
Compatible Parts

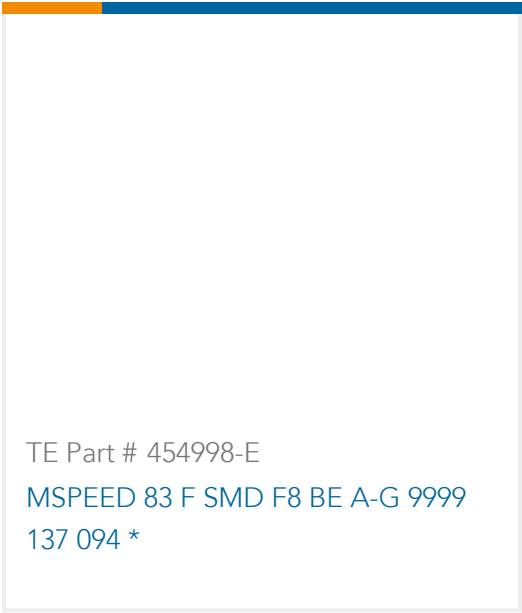
 TE Part # CAT-076-BNCJKISG50 BNC RF Connector: Jack Assembly, Isolated Ground Protection, 50 Ohm	 TE Part # CAT-076-BNCJKSH50 BNC RF Connector: jack assembly - short, 50 Ohm, 4Ghz	 TE Part # 5413771-3 JACK BLKHD,COML BNC,HEX CRIMP	 TE Part # 1-5227079-6 COMM BNC PLUG
 TE Part # 5413779-3 COML BNC,50 OHM, HEX CRIMP	 TE Part # 5227169-5 BNC - SOLDER RECEPT	 TE Part # 5227169-7 BNC SOLDER JACK RECEPTACLE	 TE Part # 5227169-8 BNC - SOLDER RECEPT



 TE Part # 5228979-7 JACK,COML,SERIES BNC,GOLD PL	 TE Part # 5228980-7 JACK,BHD,COML,SERIES BNC,GOLD	 TE Part # 1-5221128-7 PLUG,COMMERCIAL BNC	 TE Part # 5227079-5 COMM BNC PLUG
 TE Part # 5227079-6 COMM. BNC-PLUG	 TE Part # 8-5227079-2 COMM BNC PLUG	 TE Part # 1-5227079-1 COMM BNC PLUG	 TE Part # 228979-7 JACK,COML,SERIES BNC,GOLD PL
 TE Part # 413779-3 COML BNC,50 OHM, HEX CRIMP	 TE Part # 5228980-6 JACK,BHD,COML,SERIES BNC,GOLD	 TE Part # 228979-6 JACK,COML,SERIES BNC,GOLD PL	 TE Part # 414265-3 PLUG, TWIST ON, COML BNC

Customers Also Bought

 TE Part # 5-103639-4 05 MTE HDR SRST LATCH .100CL	 TE Part # 1-406541-8 MJ,INV,1X1,0PNL G,.100"ST,SN	 TE Part # 7-1393740-0 V42254A2216B209=SUB D FEDERLEI	 TE Part # 468262-002 GURONIC-C500-0-H5000
 TE Part # 167771-1 64P.IEC-G FEM.CONN.	 TE Part # 354096-E SMCB 32 M AB VV 7-03 CL * 0007 137 E004	 TE Part # 1834039-6 Header Recp., 2mm, 6 POS, GOLD FLASH	 TE Part # 484179-E STVC/3 30 M ABC VVV 4-00 0606 * * 137 E0



Documents

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5413515-2_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_5413515-2_C.3d_igs.zip

English

Customer View Model

ENG_CVM_5413515-2_C.3d_stp.zip

English

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Datasheets & Catalog Pages

Decoupled Connectors

English

Product Specifications

PCB Decoupled BNC Straight & Right Angle Jacks

English

Product Specification

English