



TE Internal #: 5413194-1

RF Connectors, BNC RF Interface, Jack, RF Connector Mated Outer Diameter (Approximate) .572 in [14.53 mm], 75 Ω, Bayonet, 4GHz

Operating Frequency

[View on TE.com >](#)

Connectors > RF Coax Connectors > RF Connectors > BNC RF Connector: Male (Jack), Right-angle, 75 Ohm



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**

[All BNC RF Connector: Male \(Jack\), Right-angle, 75 Ohm \(21\)](#)

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

Number of Positions	1
PCB Mount Orientation	Right Angle
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	75 Ω
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Body Features

Body Insulation	Without
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Cable Connector Orientation	Right Angle
Body Material	Zinc
Body Plating Material	Nickel

Contact Features

RF Connector Center Contact Underplating Material	Nickel
	30 μin
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post & Tail Length	4.11 mm[.162 in]

Mechanical Attachment

Panel Attachment Style	Rear Mount
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

Housing Features

Housing Color	White
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Dimensions

Mounting Post Length	3.48 mm[.137 in]
RF Connector Mated Outer Diameter (Approximate)	14.53 mm[.572 in]
Height Above PC Board	13.18 mm[.519 in]

Usage Conditions

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

Operating Frequency	4 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 2021 (211) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (3.7% 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	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 # 2-5221128-1
PLUG,COMMERCIAL BNC



TE Part # 1-1337481-0
SMB R/A PCB Skt 50Ohm Gold Plt

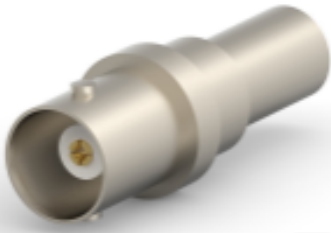


TE Part # 5413589-8
KIT,PLUG,COML BNC,HEX CRP

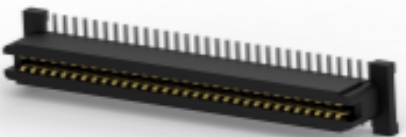
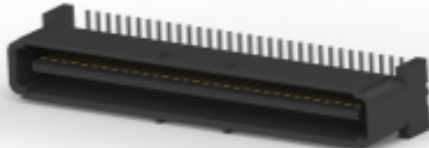
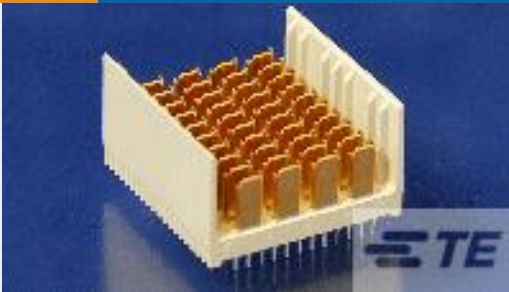


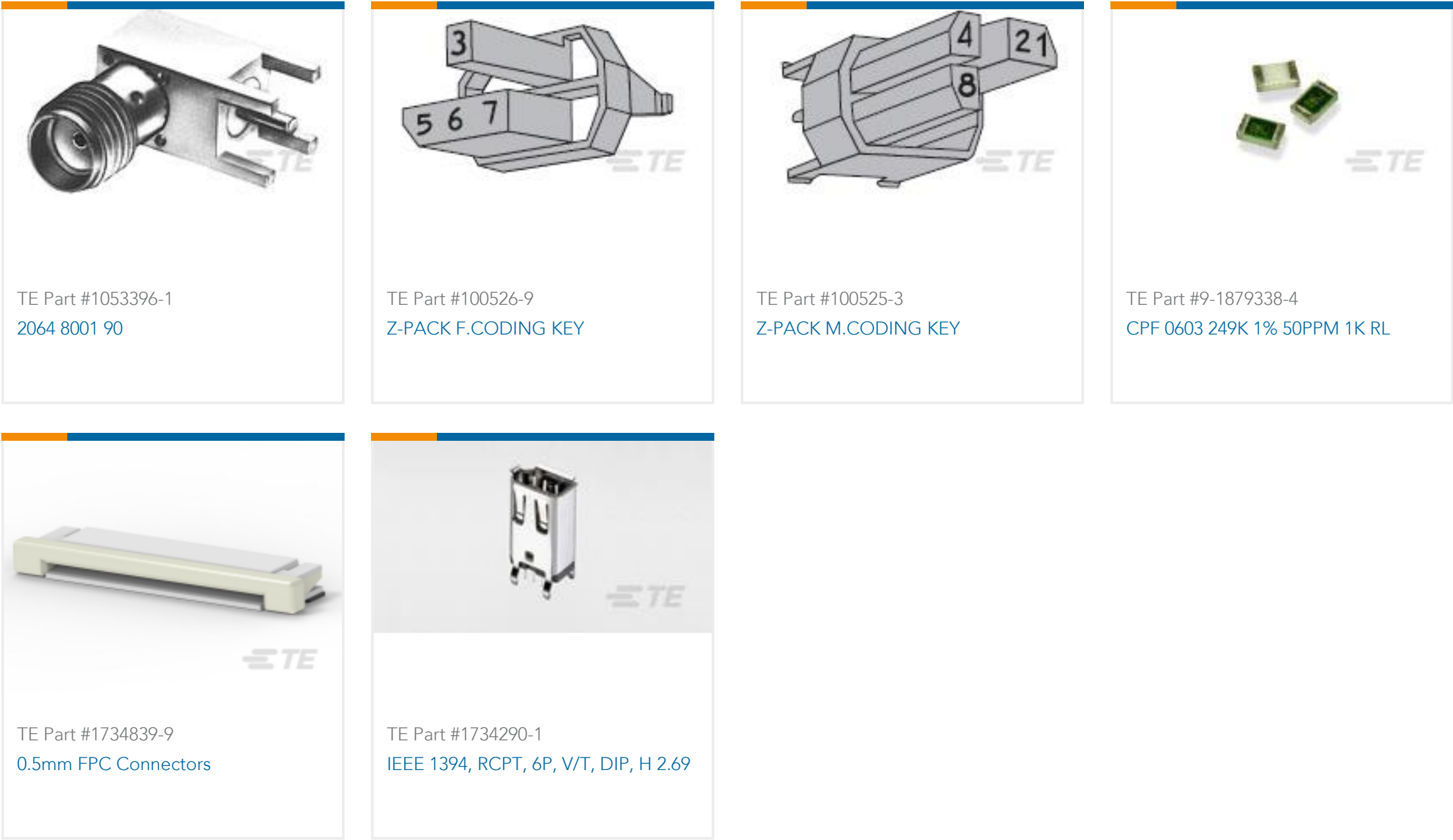
TE Part # 5-1634500-2
BNC Str Plg Hex 50Ohm Nickel Pltd RG58C/



 TE Part # 5413959-1 PLUG RTANG BNC HEX 50 OHM	 TE Part # 5413589-3 KIT,PLUG,COML BNC,HEX CRP	 TE Part # 5413959-3 BNC HEX RT ANG PLUG 50 OHM	 TE Part # 5227079-5 COMM BNC PLUG
 TE Part # 1-5221128-0 PLUG,COMMERCIAL BNC	 TE Part # 5-1634514-1 BNC Str Jk Hex 75Ohm Nickel Pltd RG59B/U	 TE Part # 5413589-7 KIT,PLUG,COML BNC,HEX CRP	 TE Part # 8-5227079-2 COMM BNC PLUG
 TE Part # 5221199-5 JACK,75 OHM COML BNC	 TE Part # 5227079-7 COMM. BNC-PLUG	 TE Part # 1-5227079-9 COMM BNC PLUG	 TE Part # 1-1337414-0 N Str Jk Hex 50Ohm Silver Pltd PSF 1 /4M,
 TE Part # 1-1337420-0 BNC Str Plg MC 50Ohm Nickel Pltd RG58C/U	 TE Part # 5-1634514-0 BNC Str Jk Hex 75Ohm Nickel Pltd RG59B/U	 TE Part # 5221185-8 PLUG,75 OHM,COMMERCIAL BNC	 TE Part # 1-1478075-0 BNC R/A Plg Hex 50Ohm Silver Pltd RG58C/

Customers Also Bought

 TE Part #1-206455-2 CPC SERIES 2 POSTED	 TE Part #120521-1 Free Height Receptacle Conn: Board- Board, Vertical, 64, 1mm	 TE Part #120527-1 Free Height Plug Connector: Board- Board, Vertical, 64, 1mm	 TE Part #1469002-1 HM-ZD 4PR HDR 80P 5.2MM
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Documents

Product Drawings
BNC, RT ANG, PCB, JACK

English

CAD Files
3D PDF

English

Customer View Model
ENG_CVM_5413194-1_B.3d_igs.zip

English

Customer View Model
ENG_CVM_5413194-1_B.3d_stp.zip

English

Customer View Model
ENG_CVM_5413194-1_B.2d_dxf.zip

English

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

Datasheets & Catalog Pages
BNC Connectors

English

Product Specifications
Application Specification

English

Product Environmental Compliance
MD_5413194-1_040520181016_dmtec

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English

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English