

5228979-6 ✓ ACTIVE

TE Internal #: 5228979-6

BNC RF Interface, Jack, 50 Ω , RG 59 / RG 59B / RG 62A, Bayonet, 4 GHz Operating Frequency, Cable-to-Board, 1 Position, Wire & Cable, 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**

Compatible With RF Cable Type: **RG 59, RG 59A, RG 59B, RG 62, RG 62A, RG 62B**

Features

Product Type Features

RF Interface	BNC
RF Connector Style	Jack
Compatible With RF Cable Type	RG 59, RG 59A, RG 59B, RG 62, RG 62A, RG 62B
Connector System	Cable-to-Board
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	Zinc
Body Plating Material	Nickel

Contact Features

RF Connector Center Contact Underplating Material	Nickel
	1080 μ m



Crimp Type	Dual
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

RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	With

Dimensions

RF Connector Mated Outer Diameter (Approximate)	14.53 mm[.572 in]
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Usage Conditions

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

Operation/Application

Operating Frequency	4 GHz
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Packaging Features

Packaging Method	Carton
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Other

Coupling Nut Base Material	Brass
Grade	Commercial
Dielectric Material	Polypropylene

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235)



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

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



TE Part # CAT-076-BNCJKISG50
BNC RF Connector: Jack Assembly, Isolated Ground Protection, 50 Ohm



TE Part # CAT-076-BNCVTBAY
BNC Vertical Jack RF Connector, 50 Ohm, Bayonet Coupling Mechanism



TE Part # CAT-076-BNCRABAY
BNC RF Connector: Male (Jack), Right Angle



TE Part # 5227755-2
BNC SOLDER RECEPT JACK SHORT



TE Part # 5413515-2
JACK, DECOUPLER, RTANG, BNC PCB










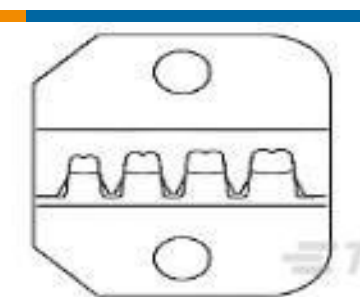

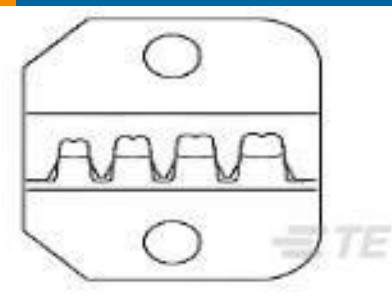
TE Part # 6274315-1
BNC JACK, NONSWITCHING









TE Part # 5413515-9
JACK, DECOUPLER, RTANG, BNC PCB

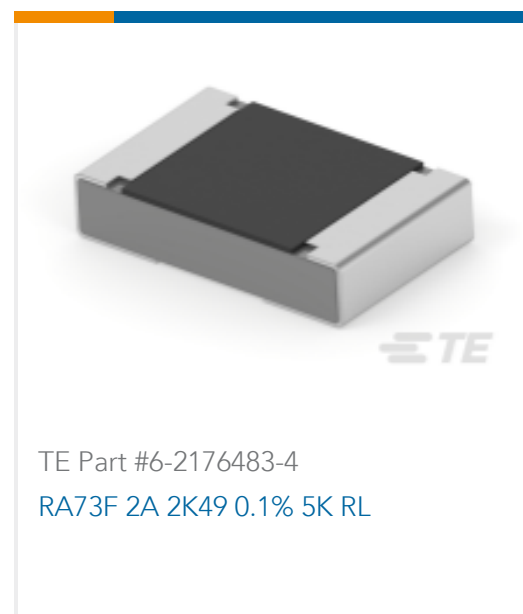


TE Part # 5227169-4
BNC - SOLDER RECEPT

 <p>TE Part # 5330876 BNC PLUG</p>	 <p>TE Part # 330878 BNC PLUG POLYPROPYLENE</p>	 <p>TE Part # 414265-3 PLUG, TWIST ON, COML BNC</p>	 <p>TE Part # 5330878 BNC PLUG POLYPROPYLENE</p>
 <p>TE Part # 5414265-3 PLUG, TWIST ON, COML BNC</p>	 <p>TE Part # 5413959-3 BNC HEX RT ANG PLUG 50 OHM</p>	 <p>TE Part # 5221128-1 PLUG, COMMERCIAL BNC</p>	 <p>TE Part # 220189-2 PREM SDE DIE, COMM BNC RG 59</p>
 <p>TE Part # 58433-1 PRO CR ASSY W/RG58/59 O IS9140</p>	 <p>TE Part # 58435-1 DIE RG58/59 O IS9140</p>		

Customers Also Bought

 <p>TE Part #1735446-5 2MM PITCH HPI POST HEADER, VERTICAL, 5P</p>	 <p>TE Part #1735447-5 HPI 2.0 RECEPTACLE HOUSING, 5P</p>	 <p>TE Part #2-2176058-6 RLP73K 3A R11 5% 2K RL</p>	 <p>TE Part #T4111512041-000 M12 M, 4P GOLD D_CODE S SHIELDED PG9</p>
 <p>TE Part #1825910-6 FSM4JH=6MM TACT SWITCH, HIGH TEMP</p>	 <p>TE Part #1-84953-6 1MM FPC HORZ.TOP CONT.ASSY 16P</p>	 <p>TE Part #1735801-1 2.0mm,Crimp,Contact</p>	 <p>TE Part #1-2176339-4 CRGCQ 0603 120R 1%</p>



Documents

Product Drawings

[JACK, COML, SERIES BNC, GOLD PL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5228979-6_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5228979-6_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5228979-6_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[BNC Connectors](#)

English

Product Specifications

[Product Specification](#)

English

[Commercial BNC Coaxial Bulkhead Jacks](#)

English