413515-7 ✔ ACTIVE

TE Internal #: 413515-7

RF Connectors, BNC RF Interface, Jack, RF Connector Mated Outer Diameter (Approximate) .572 in [14.53 mm], 50 Ω, Bayonet, 1GHz Operating Frequency

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: **50 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

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

Electrical Characteristics

Voltage Rating	1600 VDC
Capacitance	7900 pF
Impedance	50 Ω

Body Features

Body Insulation	Without
Clip Style	Standard
Connector Profile	Low
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	Phosphor Bronze

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

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

Dimensions

Mounting Post Length	2.79 mm[.11 in]
RF Connector Mated Outer Diameter (Approximate)	14.53 mm[.572 in]

Usage Conditions

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

Operation/Application

Operating Frequency	1 GHz

Packaging Features

Packaging Method	Tube

Other

Grade	Commercial
Dielectric Material	Polymethylpentene

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Yet Reviewed

EU ELV Directive 2000/53/EC	Not Compliant
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: JUN 2015 (163) SVHC > Threshold: Not Yet Reviewed
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

TE Part # 2-5221128-1
PLUG,COMMERCIAL BNC

TE Part # 5227426-1
BNC BLKHD RECPT SEALED

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 # 5413959-3
BNC HEX RT ANG PLUG 50 OHM

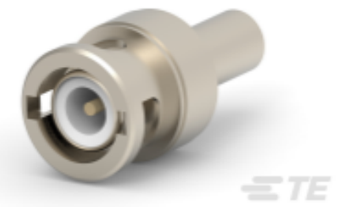
TE Part # 330876
BNC PLUG

TE Part # 1-221128-0
PLUG,COMMERCIAL BNC

TE Part # 2-5221128-3
PLUG,COMMERCIAL BNC

TE Part # 2-5221128-7
PLUG,COMMERCIAL BNC

TE Part # 2-5227079-2
COMM BNC PLUG



TE Part # 5-1634500-1
BNC Str Plg Hex 50Ohm Nickel Plated RG17

TE Part # 5-1634500-3
BNC Str Plg Hex 50Ohm Nickel Pltd RG58C/

TE Part # 5221128-1
PLUG,COMMERCIAL BNC

TE Part # 5330876
BNC PLUG

TE Part # 5413959-4
BNC HEX RT ANG PLUG 50 OHM

TE Part # 221128-1
PLUG,COMMERCIAL BNC

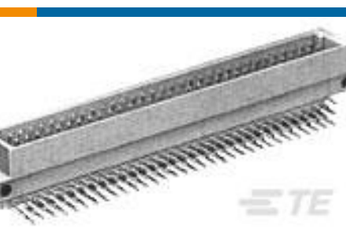
TE Part # 5-1634500-0
BNC Str Plg Hex 50Ohm Nickel Plated RG17

TE Part # 2-221128-7
PLUG,COMMERCIAL BNC

TE Part # 5413959-6
BNC HEX RT ANG PLUG 50 OHM

TE Part # 1-1274574-0
COMM BNC PLUG, LEAD FREE

Customers Also Bought

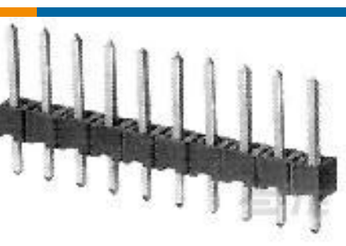


TE Part #106276-4
32P.IEC-C/2 M.CONN.

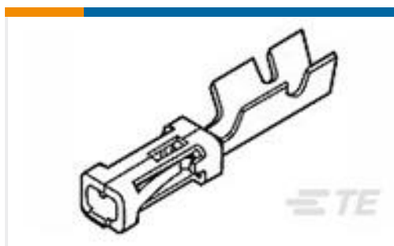
TE Part #1-747562-0
OVRMLD,RCPT ASSY,37P,HDE

TE Part #1SNK705151R0000
ZK2.5-PE-3P

TE Part #726347-1
SO-RINGZUNGE D46234

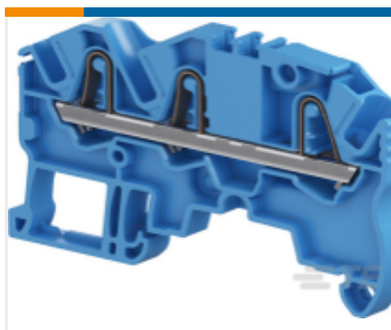


TE Part #1-102976-4
14 MODII HDR SRST B/A .100CL

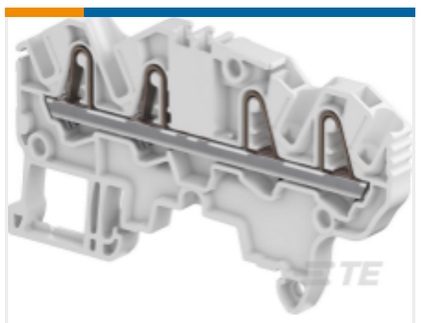


TE Part #1-85969-0
MOD IV RECP PLTD 50 SEL

TE Part #1544101-4
CAP.PBT V0 NAT CLI



TE Part #1SNK705021R0000
ZK2.5-3P-BL



TE Part #1SNK705022R0000
ZK2.5-4P-BL

TE Part #2-1437571-9
TPA11CGRA0=SWITCH P/B N/O BLAC

Documents

Product Drawings

JACK,DECOUPLER,RTANG,BNC PCB

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_413515-7_AB.3d_igs.zip

English

Customer View Model

ENG_CVM_413515-7_AB.3d_stp.zip

English

Customer View Model

ENG_CVM_413515-7_AB.2d_dxf.zip

English

Product Specifications

PCB Decoupled BNC Straight & Right Angle Jacks

English

Product Specification

English

Product Environmental Compliance

TE Material Declaration

English