

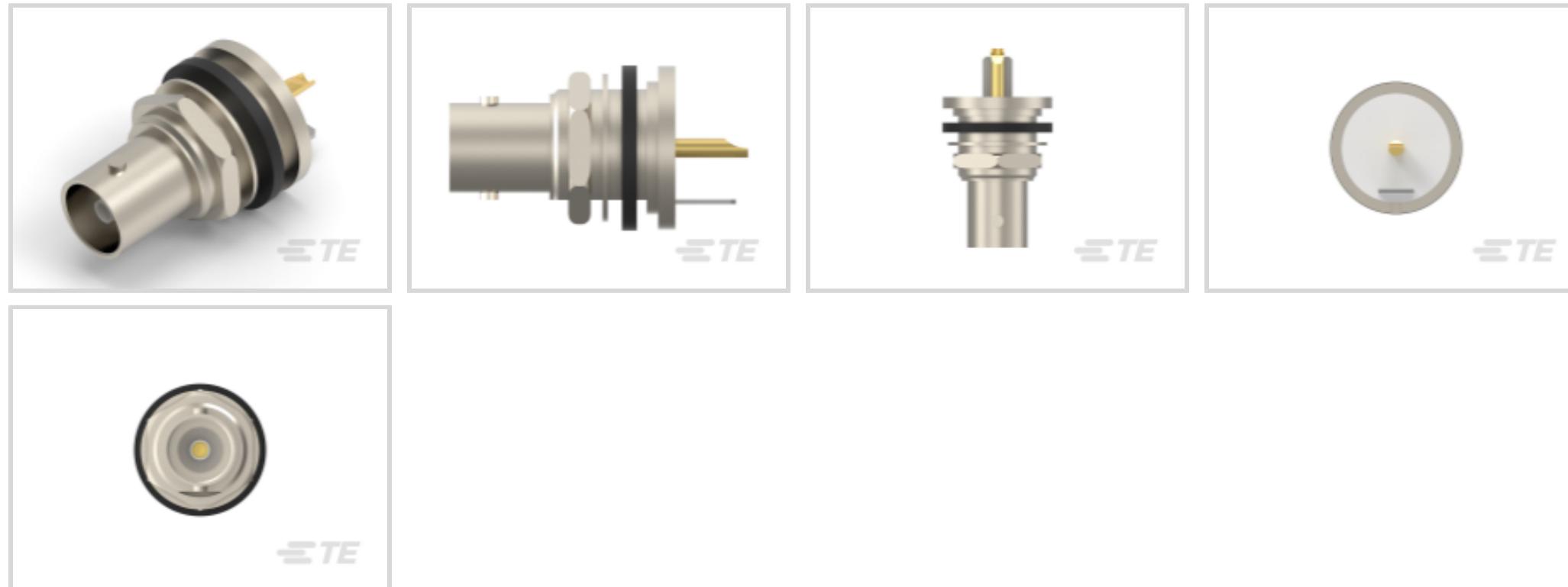
414217-1 SUPERSEDED

TE Internal #: 414217-1

TE Internal Description: BNC SOLDER RCPT

[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: **75 Ω**RF Connector Coupling Mechanism: **Bayonet**

Features

Usage Conditions

Insulation Option	Uninsulated
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Other

Grade	Commercial
Dielectric Material	Polymethylpentene
EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions

Contact Features

RF Connector Center Contact Underplating Material	Nickel
	762 µin
RF Connector Center Contact Plating Material	Gold

RF Connector Center Contact Material

Phosphor Bronze

Mechanical Attachment

Panel Attachment Style	Front Mount
PCB Mount Retention	Without
RF Connector Coupling Mechanism	Bayonet

Connector Mounting Type

Panel Mount

RF Contact Captivation Method	Mechanical
Detent	With

Product Type Features

Connector Seal & Plug Type	Gasket
Connector Shape	Circular
RF Interface	BNC
RF Connector Style	Jack
Connector System	Cable-to-Cable
Sealable	Yes

Dimensions

RF Connector Mated Outer Diameter (Approximate)	14.53 mm[.572 in]
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Electrical Characteristics

Impedance	75 Ω
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Operation/Application

Operating Frequency	2 GHz
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Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Body Features

Cable Connector Orientation	Straight
Body Material	Zinc
Body Plating Material	Nickel

Termination Features

Termination Method to Wire & Cable	Solder
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Packaging Features

Packaging Method	Carton
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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
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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (3.7% in Component Part) <small>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.</small>
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 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.

Customers Also Bought





Documents

Product Drawings

BNC SOLDER RCPT

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_414217-1_O.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_414217-1_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_414217-1_O.3d_stp.zip](#)

English

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Product Specifications

Product Specification

English

Product Specification

English