8-5227079-1 ✕ OBSOLETE

BNC

TE Internal #: 8-5227079-1

TE Internal Description: PLUG, COML BNC, KIT, PB FREE

View on TE.com >

Connectors > RF Connectors > Coax Connectors



RF Interface: **BNC**

RF Connector Style: **Plug**

RF Connector Mated Outer Diameter (Approximate): **14.53 mm [.572 in]**

Impedance: **50 Ω**

RF Connector Coupling Mechanism: **Bayonet**

Features

Product Type Features

Connector Seal & Plug Type	Gasket
RF Interface	BNC
RF Connector Style	Plug
Connector System	Cable-to-Cable
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω

Body Features

Body Material	Brass
Body Plating Material	Nickel

Contact Features

	1080 µin
Crimp Type	Dual Crimp
RF Connector Center Contact Underplating Material	Nickel
RF Connector Center Contact Plating Material	Gold (Au)

RF Connector Center Contact Material	Brass

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Cable Mount (Free-Hanging)
RF Contact Captivation Method	Mechanical
Detent	With

Housing Features

Body Orientation	Straight

Dimensions

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

Usage Conditions

Insulation Option	Uninsulated

Operation/Application

Operating Frequency Range	4 GHz

Packaging Features

Packaging Method	Box

Other

Coupling Nut Base Material	Brass
Grade	Commercial
Dielectric Material	Polyethylene

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 2025 (250) Candidate List Declared Against: JUL 2017 (174) SVHC > Threshold:

	Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable for solder process capability

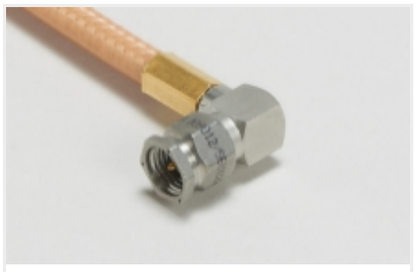
Product Compliance Disclaimer

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.

Also in the Series | BNC



Coax Connectors(163)

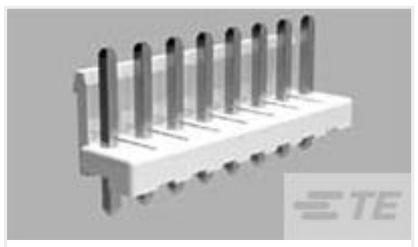


RF Cable Assemblies(25)

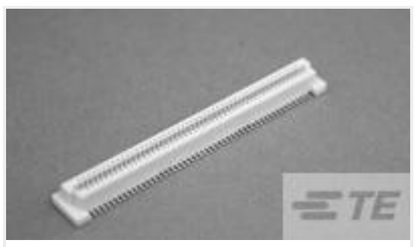


RF Terminators(1)

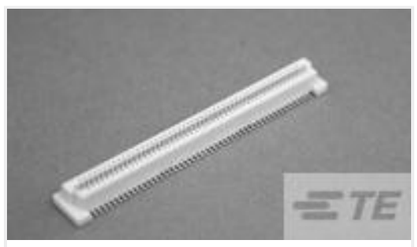
Customers Also Bought



TE Part #3-1123723-4
3.96 EP HDR ASSY 4P(BLUE)



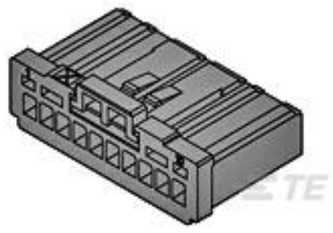
TE Part #2-1735481-1
0.8FH,R17H.5,040,30/Sn,TU,SC



TE Part #2-1735481-3
0.8FH,R17H.5,080,30/Sn,TU,SC



TE Part #1-1827862-9
DYNAMIC 1100D REC HSG 18P X BLACK



TE Part #1-1939758-0

REC HSG 10POS X-KEY



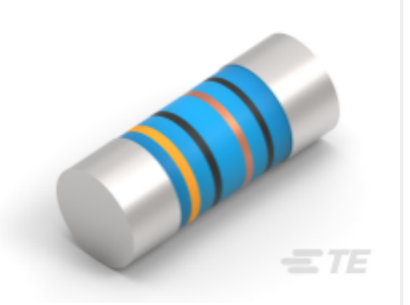
TE Part #1-1971895-4

4P, RAST 5 Tab Header, THV



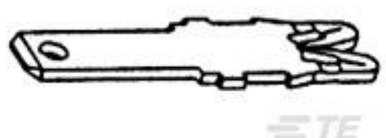
TE Part #2308171-2

ZQSFP+ CAGE& CONN 2X2, EMI SPRING, BTB



TE Part #2176314-3

MELF SMA_A 150R 0.1% 15PPM 0102 0.3W



TE Part #1601005-3

.110 X .020 TAB STD SIAMEZE

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_8-5227079-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_8-5227079-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_8-5227079-1_D.3d_stp.zip

English

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Product Specifications

Product Specification

English

Plug, Coaxial, Commercial BNC

English