



Connectors > RF Coax Connectors > RF Connectors



RF Interface: **BNC**

RF Connector Style: **Plug**

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

Impedance: **50 Ω**

Compatible With RF Cable Type: **RG 141, RG 141A, RG 142, RG 142A, RG 142B, RG 223, RG 400, RG 55, RG 55A, RG 55B, RG 58, RG 58A, RG 58B, RG 58C**

Features

Product Type Features

RF Interface	BNC
RF Connector Style	Plug
Compatible With RF Cable Type	RG 141, RG 141A, RG 142, RG 142A, RG 142B, RG 223, RG 400, RG 55, RG 55A, RG 55B, RG 58, RG 58A, RG 58B, RG 58C
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector Seal Type	Interfacial Seal

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

Body Insulation	Without
Body Shape	Circular
Cable Connector Orientation	Straight
Body Material	Brass
Body Material Finish	Plated



Body Plating Material	Silver
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Contact Features

RF Connector Center Contact Underplating Material	Nickel
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Brass

Termination Features

Termination Method to Wire & Cable	Solder & Clamp
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Mechanical Attachment

RF Connector Coupling Mechanism	Bayonet
RF Contact Captivation Method	Mechanical

Dimensions

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

Operating Temperature Range	-65 – 165 °C[-85 – 329 °F]
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Operation/Application

Operating Frequency	4 GHz
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Packaging Features

Packaging Method	Carton
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Other

Grade	Military
Coupling Nut Base Material	Brass
Dielectric Material	PTFE

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 2019 (197) SVHC > Threshold:



Pb (4% in Contact/Component)

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 Bromine/Chlorine - Br and Cl < 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>

Also in the Series

AMP BNC

RF Connectors(17)

Customers Also Bought

TE Part #1-530743-4 MINI BOX PIN HDR ASY 40 POS	TE Part #211637-4 HD109 50 POS GMT ASY RCPT	TE Part #211640-4 GMT ASY, PLUG, 25 POS, AMPLIMITE	TE Part #786555-9 D-Sub Receptacle Assembly: Vertical, Action Pin, 1.27mm

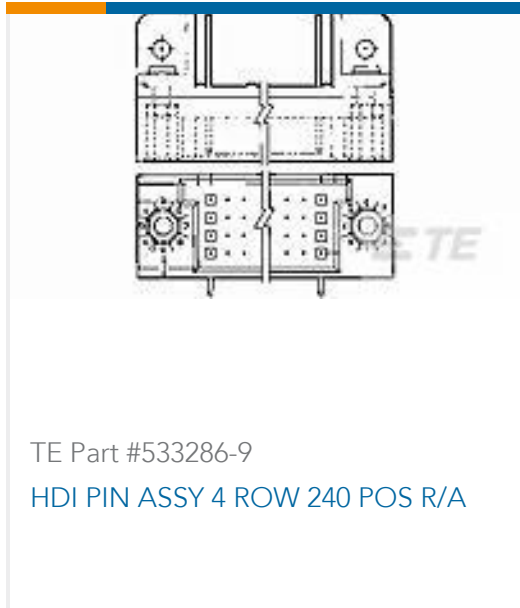




TE Part #YDTS26G25-61PDV001
D38999: Straight Plug, 25-61 Insert



TE Part #1408336-7
QMA RIGHT ANGLE PLUG, RG 58



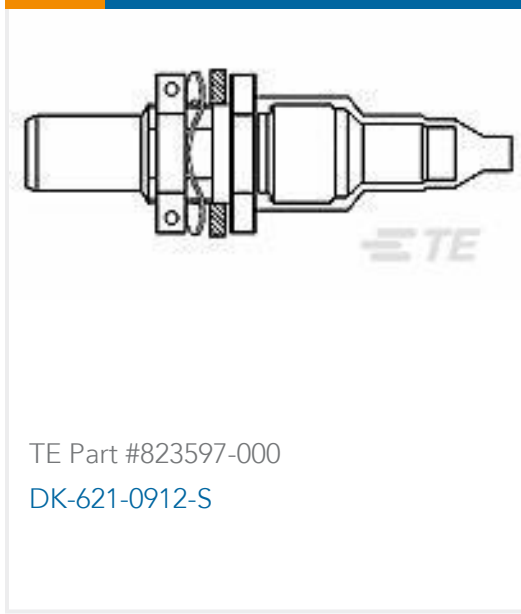
TE Part #533286-9
HDI PIN ASSY 4 ROW 240 POS R/A



TE Part #250257-000
55/2322-24-6/9-9CS2798



TE Part #6-146257-9
38 MODII HDR DRST B/A .100CL L



TE Part #823597-000
DK-621-0912-S

Documents

Product Drawings
PLUG,CATEGORY A,SERIES BNC
English

CAD Files
Customer View Model
ENG_CVM_221265-1_H.3d_igs.zip
English
Customer View Model
ENG_CVM_221265-1_H.3d_stp.zip
English
Customer View Model
ENG_CVM_221265-1_H.2d_dxf.zip
English

3D PDF
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages
Products for Aerospace and Defense
English

Product Specifications
Product Specification
English
Connector, BNC, Field Serviceable, Category A
English



Instruction Sheets

Instruction Sheet (U.S.)

English

50-OHM RF SERIES BNC PLUG CONNECTORS 221265-[] (FIELD SERVICEABLE

English