



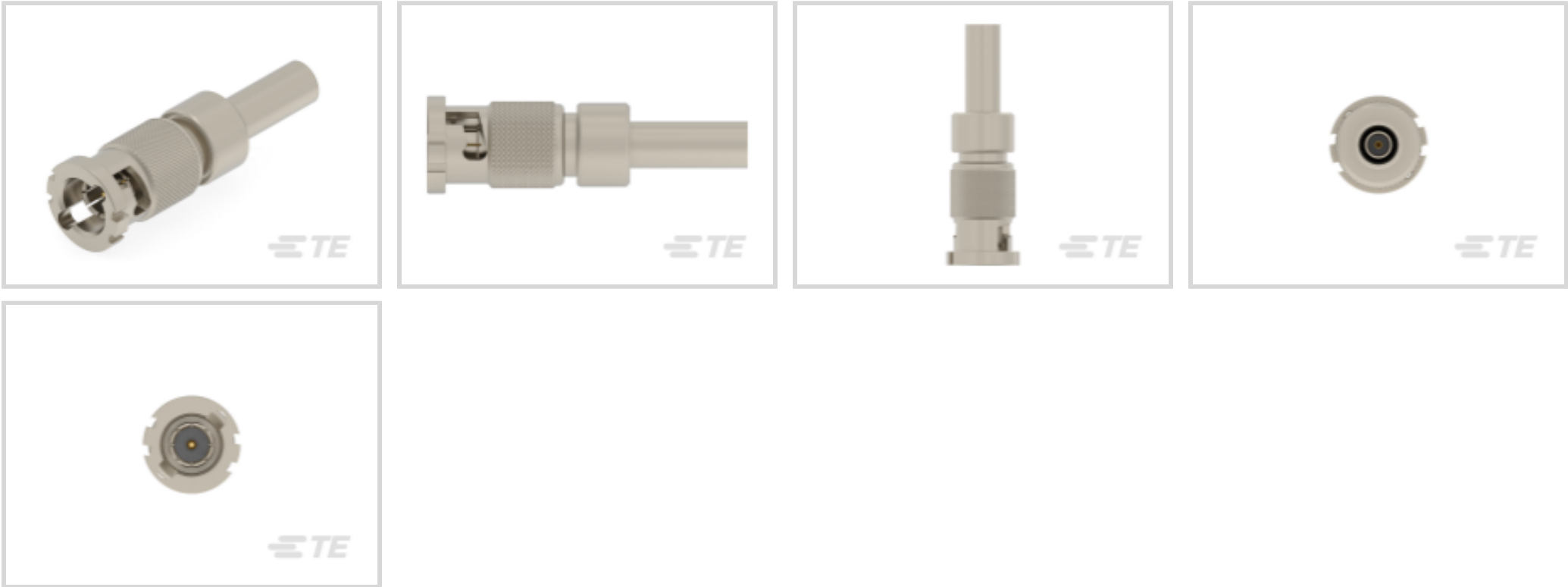
HIGH-DENSITY BNC

TE Internal #: 2446053-1

High Density BNC Connector, Plug, 75 ohm, RG 179 Compatible
With RF Cable Type, Bayonet, 12 GHz, Cable-to-Cable, 1 Position,
HIGH-DENSITY BNC

[View on TE.com >](#)

Connectors > RF Connectors > Coax Connectors



RF Interface: **High Density BNC**
RF Connector Style: **Plug**
Impedance: **75 Ω**
Compatible With RF Cable Type: **RG 179**
RF Connector Coupling Mechanism: **Bayonet**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	High Density BNC
RF Connector Style	Plug
Compatible With RF Cable Type	RG 179
Connector System	Cable-to-Cable
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	75 Ω
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Body Features

Body Material	Brass
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Body Material Finish	Plated
Body Plating Material	Nickel

Contact Features

RF Connector Center Contact Plating Thickness	.076 μm[3 μin]
RF Connector Center Contact Plating Material	Gold (Au)
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	Cable Mount (Free-Hanging)
RF Contact Captivation Method	Mechanical
Detent	Without

Housing Features

Body Orientation	Straight
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Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Operating Frequency Range	12 GHz
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Packaging Features

Packaging Method	Bag & Box
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Other

Dielectric Material	Polytetrafluoroethylene (PTFE)
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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	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250)



Candidate List Declared Against: JUNE 2025 (250)
SVHC > Threshold:
Pb (3.6% 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 Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Not reviewed 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.

Compatible Parts

TE Part # 2472517-8
HIGH D BNC F TO M,75OHM,12GHZ, 750MM

TE Part # 2472517-5
HIGH D BNC F TO M,75OHM,12GHZ, 457MM

TE Part # 2472517-9
HIGH D BNC F TO M,75OHM,12GHZ, 914MM

TE Part # 2472517-6
HIGH D BNC F TO M,75OHM,12GHZ, 500MM

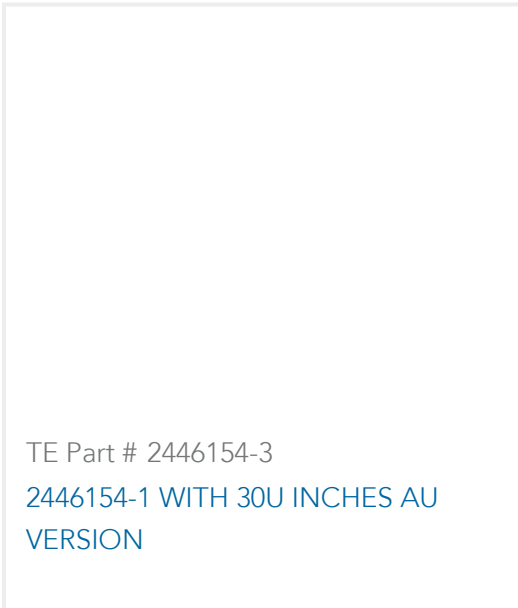
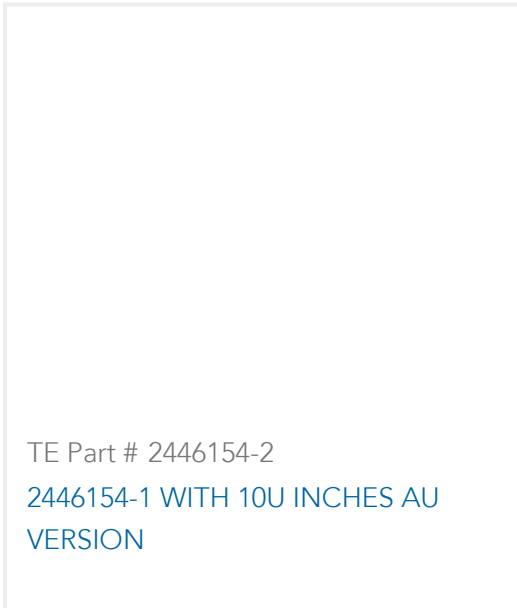
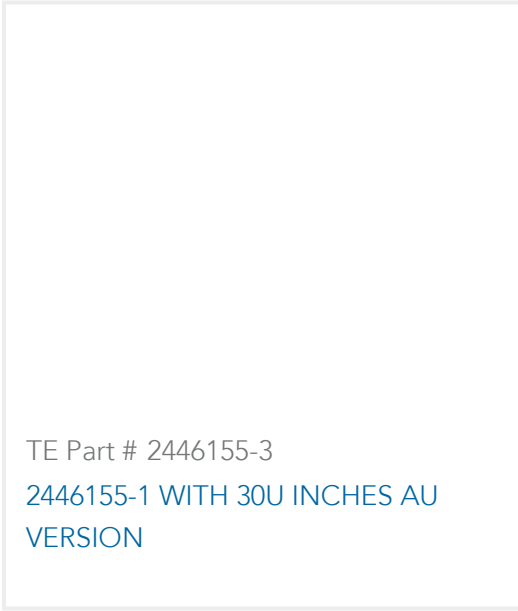
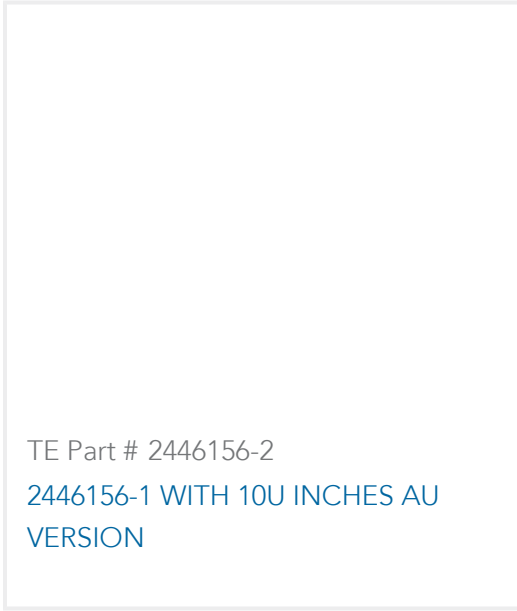
TE Part # 1-2472517-3
HIGH D BNC F TO M,75OHM,12GHZ, 2000MM

TE Part # 2446194-1
HIGH D BNC JK,BKD,1855A,4855R, IP67,12G

TE Part # 2446193-1
HIGH DENSITY BNC JK,BKD,1855A, 4855R,12G

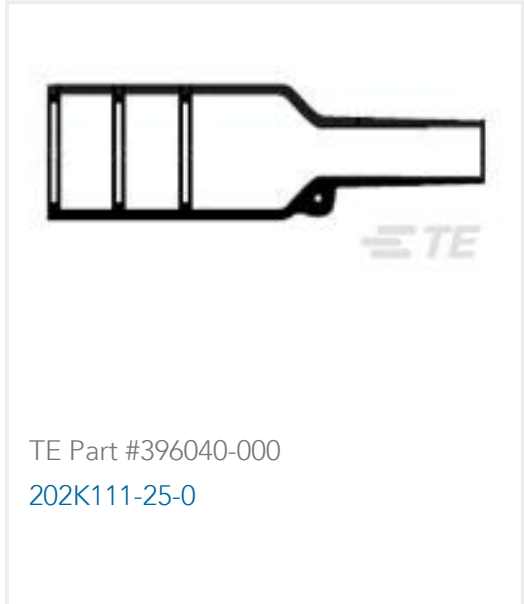
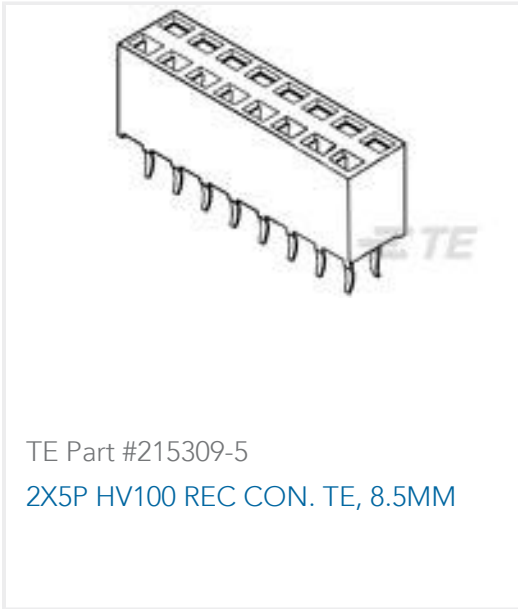
TE Part # 2446155-1
HIGH D BNC,RA JK 50OHM,BKD,PCB, 12GHZ



 TE Part # 2446153-1 HIGH DENSITY BNC JK,BKD,PCB MOUNT,12GHZ	 TE Part # 2446154-3 2446154-1 WITH 30U INCHES AU VERSION	 TE Part # 2446154-2 2446154-1 WITH 10U INCHES AU VERSION	 TE Part # 2472517-1 HIGH D BNC F TO M,75OHM,12GHZ, 152MM
 TE Part # 2446156-3 2446156-1 WITH 30U INCHES AU VERSION	 TE Part # 2446155-3 2446155-1 WITH 30U INCHES AU VERSION	 TE Part # 2446156-2 2446156-1 WITH 10U INCHES AU VERSION	 TE Part # 1-2472517-1 HIGH D BNC F TO M,75OHM,12GHZ, 1M
 TE Part # 2472517-2 HIGH D BNC F TO M,75OHM,12GHZ, 203MM	 TE Part # 1-2472517-4 HIGH D BNC F TO M,75OHM,12GHZ, 3000MM	 TE Part # 2472517-3 HIGH D BNC F TO M,75OHM,12GHZ, 250MM	 TE Part # 2446195-1 HIGH D BNC,INSTALLATION AND REMOVAL TOOL

Also in the Series |

Customers Also Bought

 TE Part #CTJ720K01B MODULE ASSY	 TE Part #CB5033-000 BSTS-13X25/CL	 TE Part #120411-000 B-040-24-N	 TE Part #396040-000 202K111-25-0
 TE Part #NB09952001 ATUM-19/6-0-STK	 TE Part #215309-5 2X5P HV100 REC CON. TE, 8.5MM	 TE Part #965601-2 8POS MQS REC COD II	 TE Part #7-2176422-6 TLRP 2512 3.0W R100 1% 50PPM 4K RL



Documents

Product Drawings
HIGH DENSITY BNC PL,CRIMP,RG179,12GHZ
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2446053-1_A.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_2446053-1_A.3d_stp.zip
English
Customer View Model
ENG_CVM_CVM_2446053-1_A.2d_dxf.zip
English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages
HIGH-DENSITY-BNC-CONNECTORS
English
HIGH-DENSITY-BNC-CONNECTORS
Japanese

Product Specifications
Engineering Specification
English