



Connectors > RF Connectors > Coax Connectors



RF Interface: **SMA**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **6.35 mm [.25 in]**

Impedance: **50 Ω**

RF Connector Coupling Mechanism: **Threaded**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Jack
Connector System	Cable-to-Panel
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

Body Material	Stainless Steel
Body Material Finish	Passivated

Contact Features

Ferrule Material	Copper
Crimp Type	Hexagonal Crimping
RF Connector Contact Configuration	Captivated
RF Connector Center Contact Underplating Material	Copper, Nickel



RF Connector Center Contact Plating Material	Gold (Au)
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RF Connector Center Contact Material	Beryllium Copper
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Panel Attachment Style	Rear Mount
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RF Connector Coupling Mechanism	Threaded
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Connector Mounting Type	Panel Mount
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RF Contact Captivation Method	Mechanical
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Detent	Without
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Housing Features

Body Orientation	Straight
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Dimensions

Product Length	26.4 mm[1.039 in]
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RF Connector Mated Outer Diameter (Approximate)	6.35 mm[.25 in]
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Operation/Application

Operating Frequency Range	12.4 GHz
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Packaging Features

Packaging Method	Package
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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
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Pb (3.7% in Component Part) Article Safe Usage Statements:
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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 | SMA

A black plastic battery holder with two slots for batteries and two terminals.

A collection of various metal and plastic connector adapters and savers in different shapes and sizes.

An orange plastic cap and a grey metal cover for a connector.

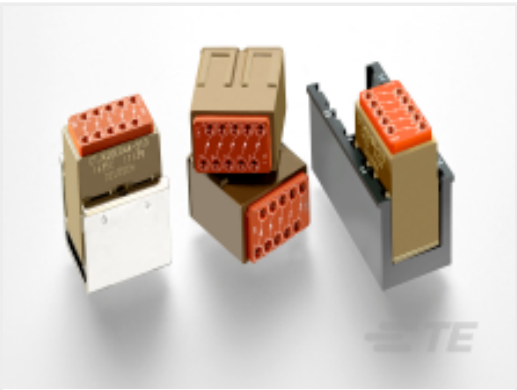
A collection of various metal and plastic connector hardware components.

A black plastic strain relief component for a connector.

A yellow braided RF cable assembly with a metal connector.

A metal RF terminator component.

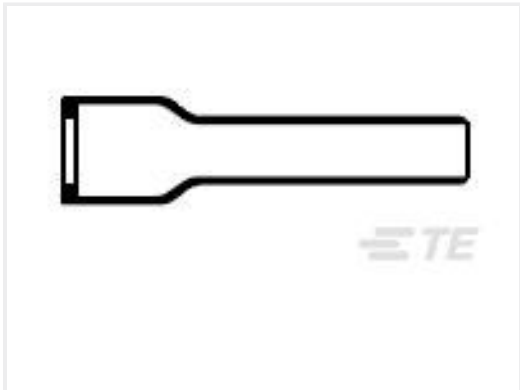
Customers Also Bought



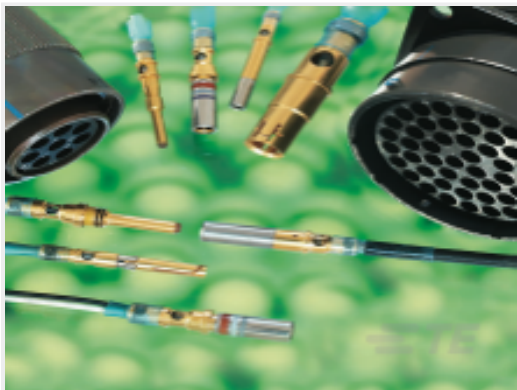
TE Part #CTJ420E028-513
ELEC MODULE



TE Part #430074-001
5021H5331-0



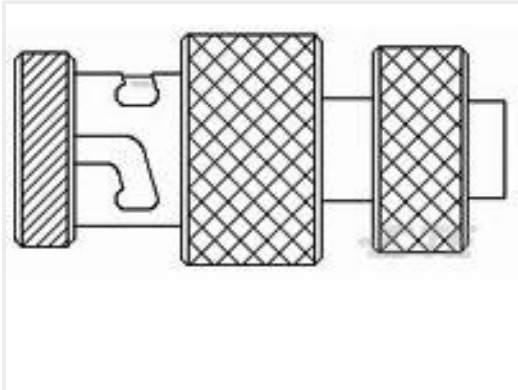
TE Part #C10674-000
202D221-25-01/86-0



TE Part #488105N003
D-602-0127CS232



TE Part #1795440004
D-181-2222-90/9CS1270



TE Part #459515-000
DK-621-0433R-1S



TE Part #379165-000
44A1124-24-0/4-9

Documents

Product Drawings

2834 7316 02

English

2834 7316 02

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1056445-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1056445-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1056445-1_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

SMA Connectors

English

Product Specifications

Product Specification for SMA connectors with flexible cable

English



Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English