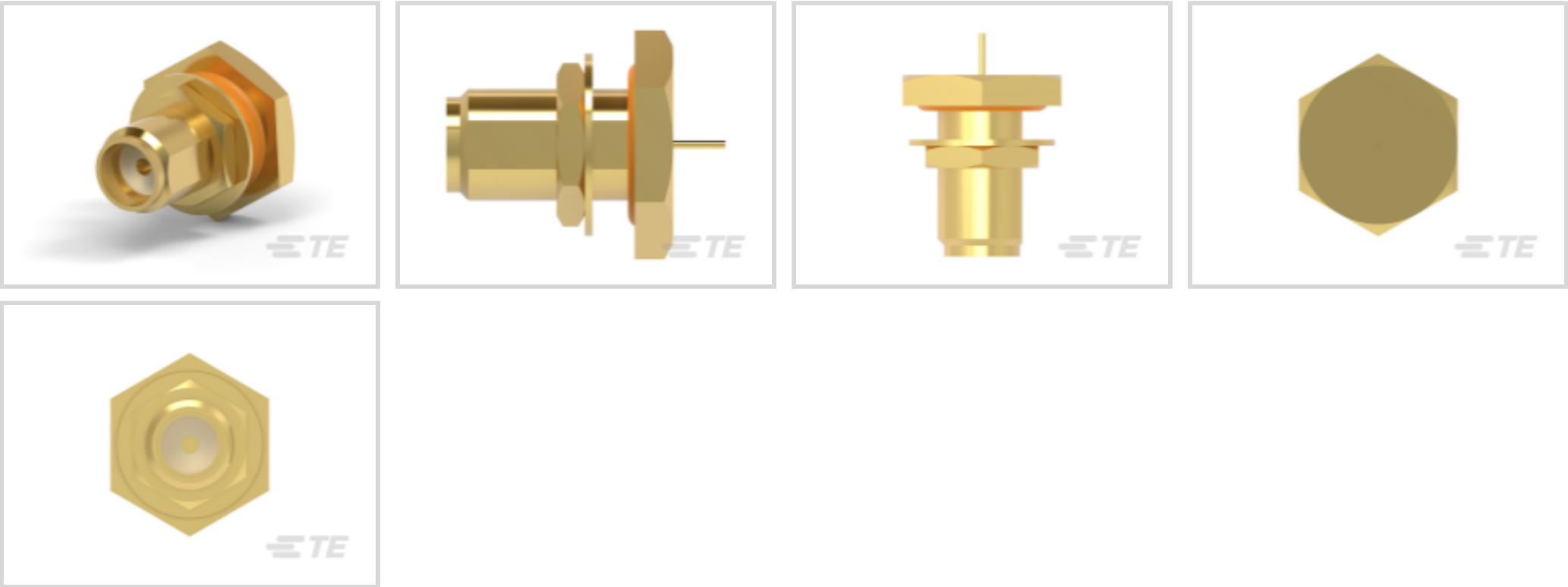




Connectors > RF Coax Connectors > RF Connectors



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	Yes
Connector Seal Type	Hermetically Sealed, O-Ring

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

Cable Connector Orientation	Straight
Body Material	Stainless Steel



Body Material Finish	Plated
Body Plating Material	Gold

Contact Features

RF Connector Contact Configuration	Captivated Contacts
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

Mechanical Attachment

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

Dimensions

Product Length	15.6 mm[.614 in]
RF Connector Mated Outer Diameter (Approximate)	6.35 mm[.25 in]

Usage Conditions

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

Operating Frequency	18 GHz
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Packaging Features

Packaging Method	Package
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Other

Comment	Hermetically Sealed
Dielectric Material	PTFE Fluorocarbon

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 2021 (211)
SVHC > Threshold:
Pb (.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
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Solder Process Capability	Pin-in-Paste capable to 260°C
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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>

Compatible Parts

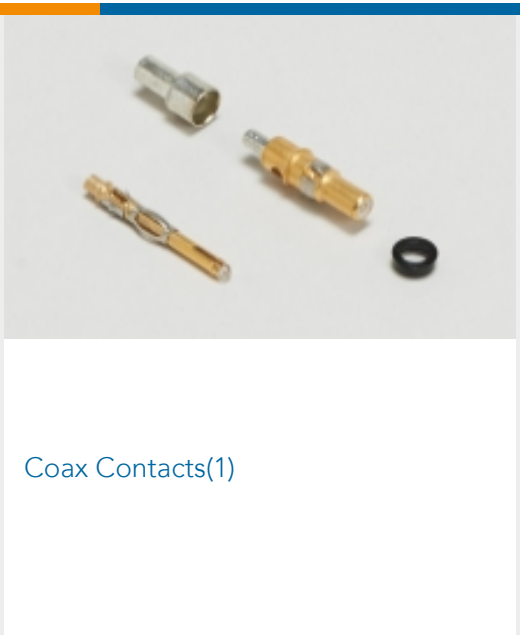
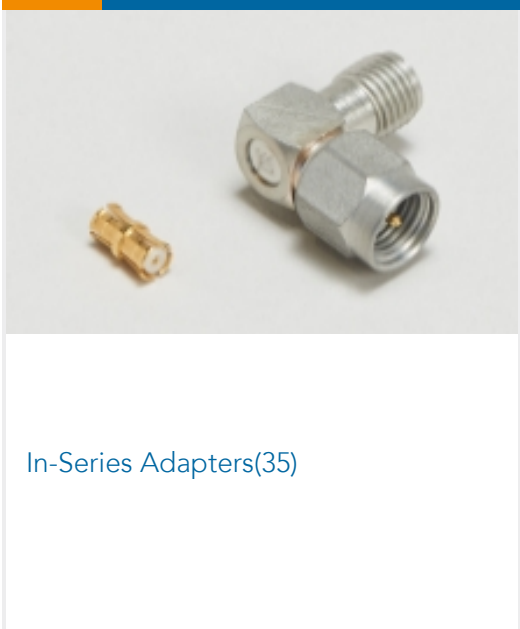
 TE Part # 1050766-1 2001 7947 00	 TE Part # 1050740-1 2001 7641 02	 TE Part # 1052098-1 2037 5100 02	 TE Part # 1050541-1 2001 5031 00
 TE Part # 1051650-1 2031 5005 00	 TE Part # 1052534-1 2052 1300 02	 TE Part # 1051687-1 2031 5102 02	 TE Part # 1056456-1 2837 7316 02



 TE Part # 1050757-1 2001 7941 02	 TE Part # 1051001-1 2004 7541 00	 TE Part # 1051013-1 2004 7941 00	 TE Part # 447647-3 PLUG, SMA, HEX CRIMP COMM
 TE Part # 1051139-1 2007 7188 00	 TE Part # 1053261-1 2058 5328 02	 TE Part # 1056436-1 2831 7316 02	 TE Part # 1052067-1 2037 5006 02,SMA RA CABLE PLUG
 TE Part # 5448103-2 BULKHEAD JACK, SMA, HEX CRIMP	 TE Part # 5447650-3 BULKHEAD JACK, SMA, HEX CRIMP	 TE Part # 1052544-1 2052 1350 02,SMA FM JACK RECPT	 TE Part # 1050756-1 2001 7941 00

Also in the Series

AMP SMA

 Battery Holders(1)	 Between Series Adapters(3)	 Coax Contacts(1)	 Coax Terminators(1)
 In-Series Adapters(35)	 Rack & Panel Ferrules & Inserts(1)	 RF Cable Assemblies(2)	 RF Connector Hardware(2)



RF Connector Launchers(13)



RF Connector Shrouds(10)

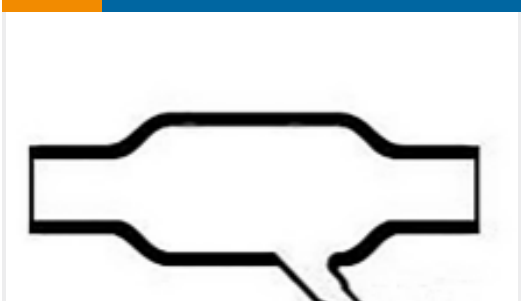


RF Connectors(529)

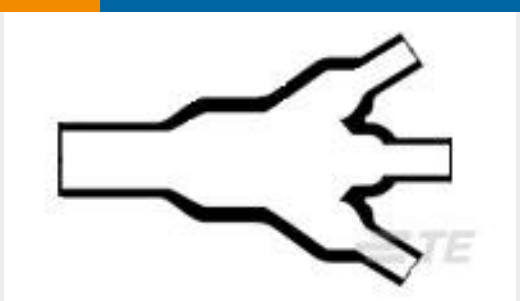
Customers Also Bought



TE Part #5747143-2
50 RCPT ACT PIN/MS MED STD



TE Part #642889-000
342A012-100/180-0



TE Part #155299-000
462A023-100/180-0



TE Part #696681-000
B-051-02-01



TE Part #129103-000
TXR54AB00-3222AI



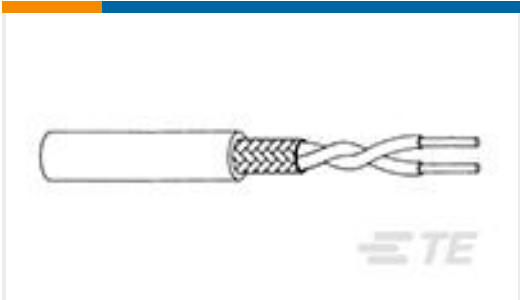
TE Part #4135693001
100G1121-1.50-0/9-0



TE Part #6994543001
100G0121-0.40-0/9



TE Part #5747140-2
15 RCPT ACT PIN/MS MED STD



TE Part #CD56713001
0024K1811-0



TE Part #583543-000
HEX40-AB-90-23-A10-1

Documents

Product Drawings

2056 3100 00

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1053086-1_O.2d_dxf.zip



English

Customer View Model
[ENG_CVM_1053086-1_O.3d_igs.zip](#)

English

Customer View Model
[ENG_CVM_1053086-1_O.3d_stp.zip](#)

English

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Datasheets & Catalog Pages
[SMA Connectors](#)

English

Product Specifications
[Workmanship Specification](#)

English