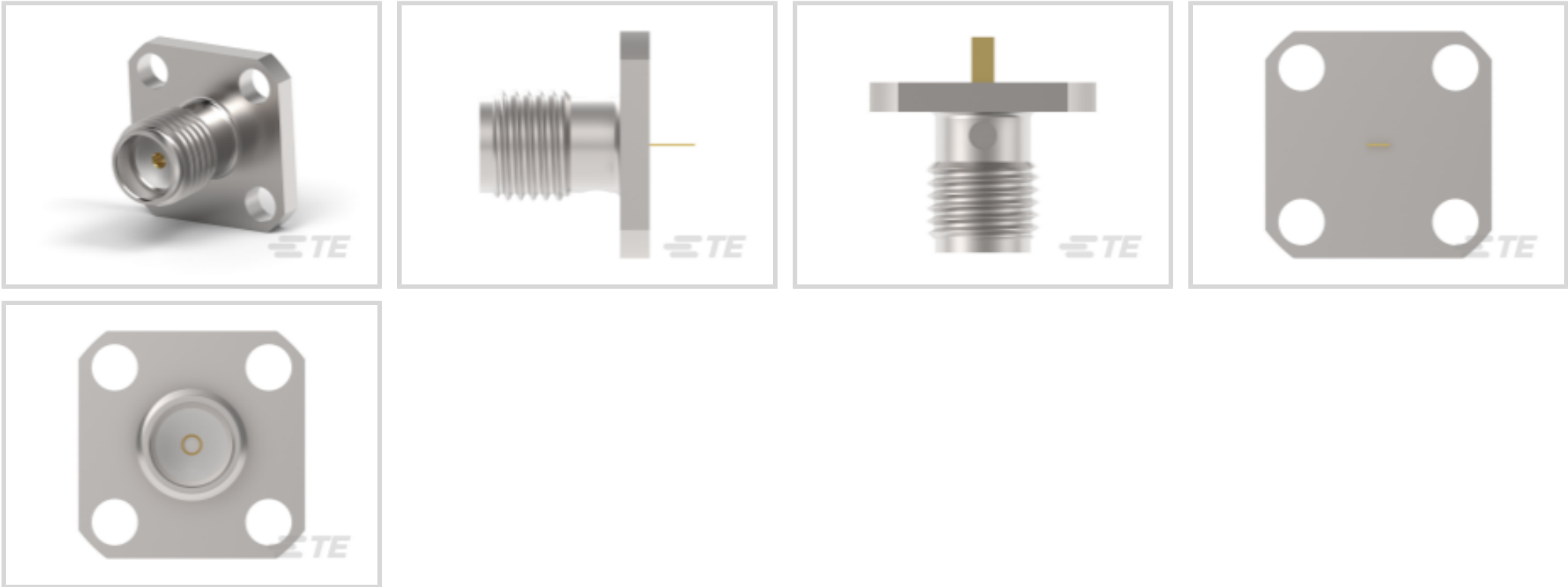




Connectors > RF Connectors > Coax Connectors



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

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	Passivated



Contact Features

RF Connector Contact Configuration	Captivated Contacts
RF Connector Center Contact Underplating Material	Copper
RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Wire & Cable	Solder
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Mechanical Attachment

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

Dimensions

Product Length	12.1 mm[.476 in]
RF Connector Mated Outer Diameter (Approximate)	6.35 mm[.25 in]

Usage Conditions

Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
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Operation/Application

Operating Frequency	18 GHz
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Packaging Features

Packaging Method	Carton
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Other

Number of Panel Mounting Holes	4
Dielectric Material	TFE 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

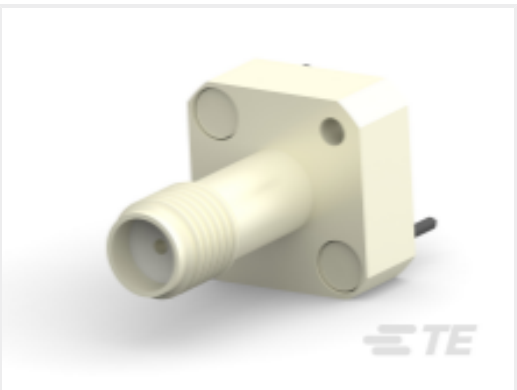


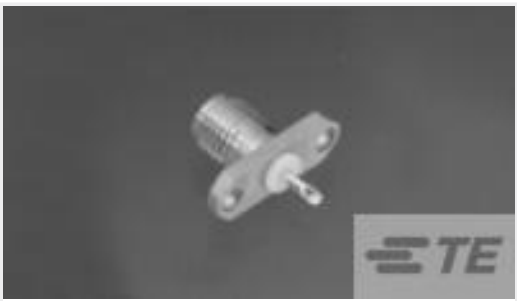
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Pb (.6% in Component Part) Article Safe Usage Statements: Do not eat, 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
Solder Process Capability	Pin-in-Paste capable to 260°C

Product Compliance Disclaimer

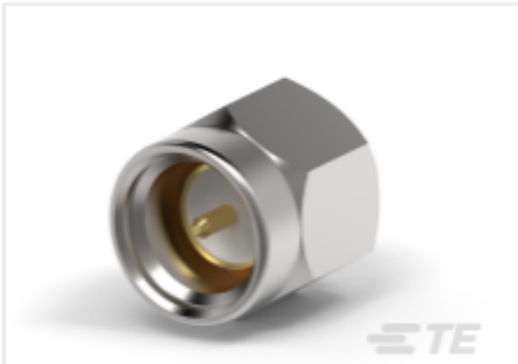
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1051110-1 2007 5054 02	 TE Part # 1052098-1 2037 5100 02	 TE Part # 1050524-1 2001 5003 00,SMA CABLE PLUG	 TE Part # 1050525-1 2001 5003 02,SMA CABLE PLUG
 TE Part # 1053265-1 2058 5329 02	 TE Part # 2081005-1 ASSY. SMA JACK PCB EDGE MOUNT	 TE Part # 1051664-1 2031 5012 00	 TE Part # 6274096-1 JACK ASSEMBLY, ACTION PIN, SMA



TE Part # 1052633-1
[2052 3356 00](#)



TE Part # 1050548-1
[2001 5032 02](#)



TE Part # 1052075-1
[2037 5008 00,SMA RA CABLE PLUG](#)



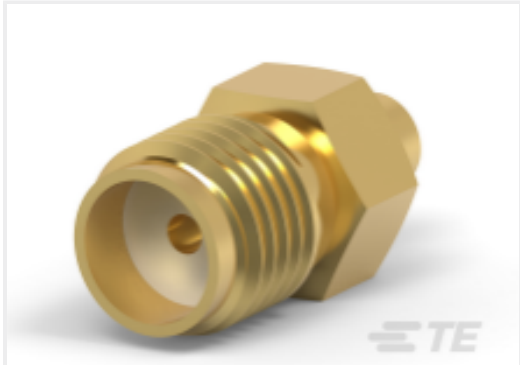
TE Part # 1050720-1
[2001 7188 00](#)



TE Part # 1056456-1
[2837 7316 02](#)



TE Part # 1056462-1
[2837 7388 02](#)



TE Part # 1050859-1
[2002 5016 00](#)



TE Part # 1050547-1
[2001 5032 00](#)

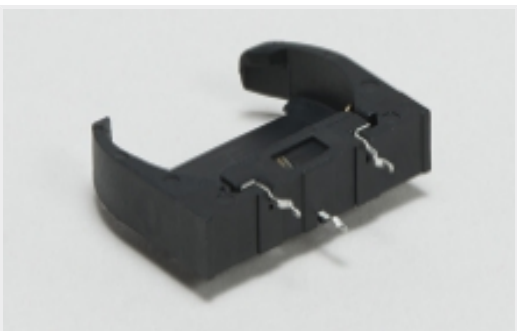


TE Part # 1052066-1
[2037 5006 00,SMA RA CABLE PLUG](#)



TE Part # 1050602-1
[2001 5395 02](#)

Also in the Series | **SMA**



Battery Holders(1)



Connector Adapters & Connector Savers(8)



Connector Caps & Covers(3)



Connector Strain Relief(1)

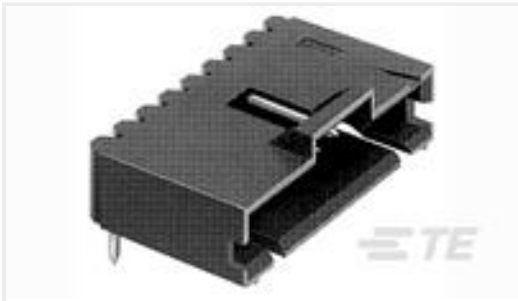


RF Cable Assemblies(2)

Customers Also Bought



TE Part #1-1625995-8
HSC75 33K 5%



TE Part #103635-5
06 MTE HDR SRRA LATCH .100CL



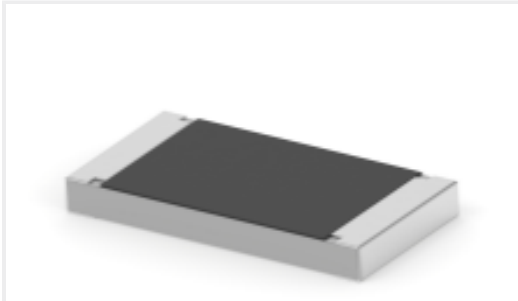
TE Part #1-794072-1
24P MINI UMNL HDR W/DH AU LF



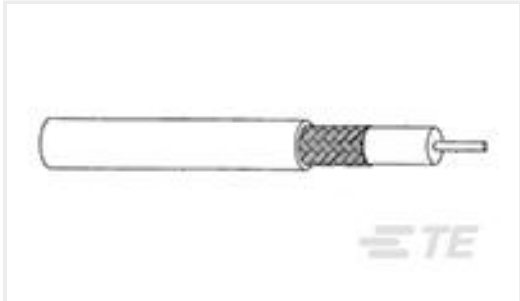
TE Part #1609116-6
10EHGS1-2=F8242



TE Part #103308-6
026 LOPRO HDR SP 15DP



TE Part #2176348-2
CRGCO 2010 1R5 5%



TE Part #440060-011
5024A1311-0



TE Part #2176070-5
3521 15R 1% 2W



TE Part #YDTS26F25-20PNC001
PLUG ASSY



TE Part #2322337-1
NanoRF, BP, 18 POS, SS

Documents

Product Drawings

2052 1618 02,SMA FM JACK RECPT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1052566-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1052566-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1052566-1_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

1052566-1

SMA Connector, Jack, 50 ohm, Threaded, 18 GHz, Cable-to-Panel, 1 Position, Panel Mount, -65 – 125 °C [-85 – 257 °F], Solder, Straight, SMA



SMA Connectors

English