



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



Body Plating Material	Gold
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
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	27.41 mm[1.079 in]
RF Connector Mated Outer Diameter (Approximate)	6.35 mm[.25 in]
Usage Conditions	
Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
Operation/Application	
Operating Frequency	18 GHz
Packaging Features	
Packaging Method	Bag
Other	
Number of Panel Mounting Holes	2
Dielectric Material	PTFE
Product Compliance	
For compliance documentation, visit the product page on TE.com>	
EU RoHS Directive 2011/65/EU	Compliant with Exemptions

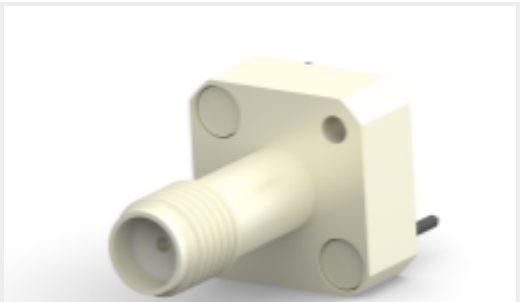
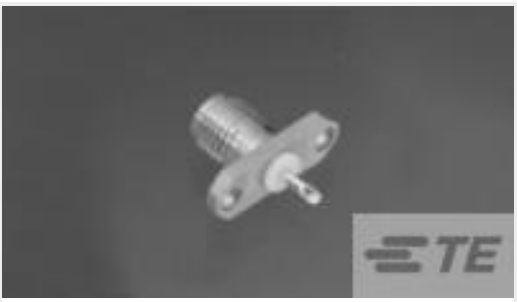


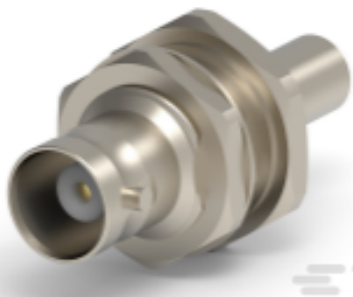
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (4.75% in Component 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 # 1-1478907-0 SMA STR PLG S/CLMP RG58 GSS	 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 # 1-1337431-0 BNC Str Plg Hex 75Ohm Nickel Pltd RG179B	 TE Part # 1050720-1 2001 7188 00



TE Part # 1-1337433-0
BNC RM BHJ Hex 50Ohm Nickel Pltd
RG58C/U



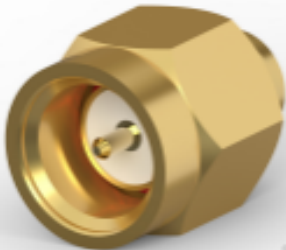
TE Part # 1-1478912-0
SMA R/A PLG S/CLMP RG174 GSS



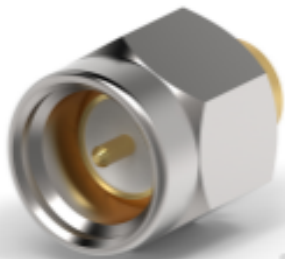
TE Part # 1051110-1
2007 5054 02



TE Part # 1052098-1
2037 5100 02



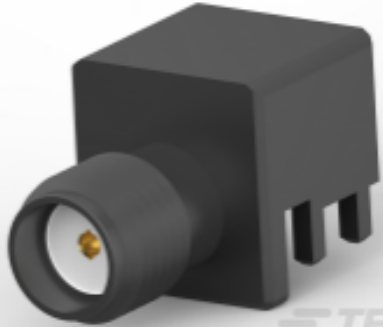
TE Part # 1050524-1
2001 5003 00,SMA CABLE PLUG



TE Part # 1050525-1
2001 5003 02,SMA CABLE PLUG



TE Part # 1053265-1
2058 5329 02



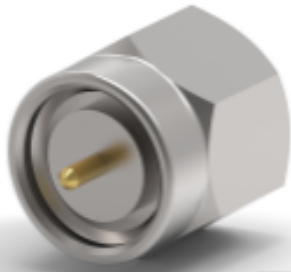
TE Part # 2081005-1
ASSY. SMA JACK PCB EDGE MOUNT



TE Part # 1050547-1
2001 5032 00



TE Part # 1052066-1
2037 5006 00,SMA RA CABLE PLUG



TE Part # 1050602-1
2001 5395 02



TE Part # 1-1478908-0
SMA STR PLG S/CLMP RG174 GSS

Also in the Series | SMA



Battery Holders(1)



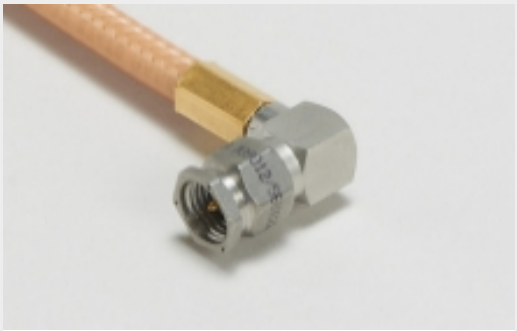
Connector Adapters & Connector Savers(8)



Connector Caps & Covers(3)

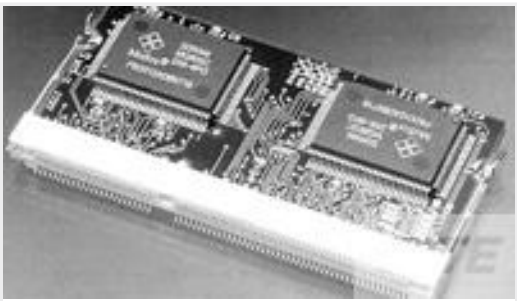


Connector Strain Relief(1)



RF Cable Assemblies(2)

Customers Also Bought



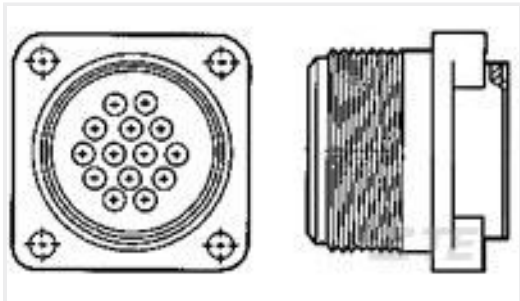
TE Part #390112-1

SKT,SODIMM,144P,SDRAM3.3V,HIGH



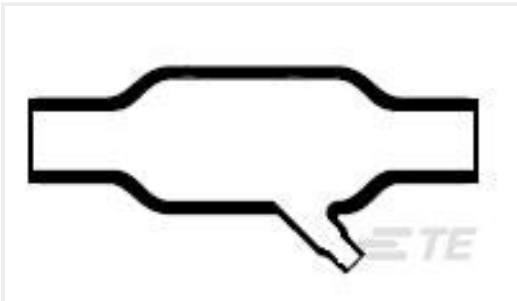
TE Part #1-2176349-5

CRGCQ 2512 150R 1%



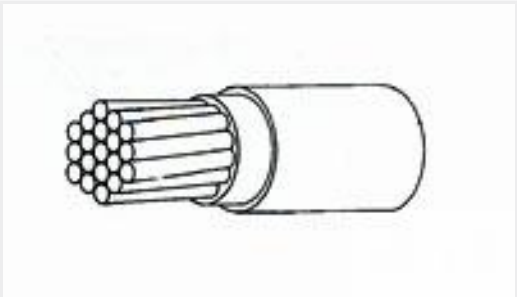
TE Part #213651-1

CPC RCPT 20-14 STD SEX



TE Part #878518-000

342A012-25-0



TE Part #218561-000

22759/34-20-0



TE Part #204518-2

RECEPT ASSY,62 POSN,AMPLIMITE



TE Part #5227676-1

BNC PCB RT ANGLE JACK



TE Part #1052422-1

2052 0000 02,SMA FM JACK RECPT



TE Part #1-2834067-2

SOCKET CONTACT,MINIATURE WATERPROOF CONN



TE Part #5745175-2

CABLE CLAMP KIT,SZ 5

Documents

Product Drawings

2052 1352 02,SMA FM JACK RECPT

English

CAD Files

Customer View Model

ENG_CVM_CVM_1052552-1_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1052552-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1052552-1_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

1052552-1

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