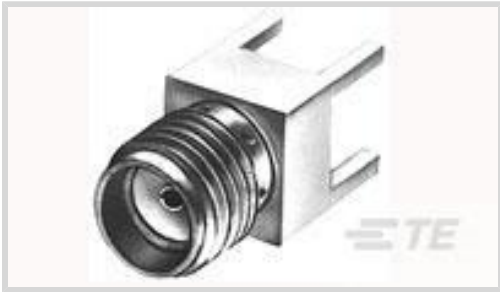




Connectors > RF Coax Connectors > RF Connectors



RF Interface: **SMA**
RF Connector Style: **Jack**
RF Connector Mated Outer Diameter (Approximate): **8.99 mm [.354 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 & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	1
PCB Mount Orientation	Vertical
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

Body Material	Stainless Steel
Body Material Finish	Plated
Body Plating Material	Gold

Contact Features

RF Connector Center Contact Underplating Material	Copper, Nickel
RF Connector Contact Configuration	Captivated Contacts
RF Connector Center Contact Plating Material	Gold



RF Connector Center Contact Material

Beryllium Copper

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post & Tail Length	3.9 mm[.155 in]

Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Board Mount
RF Contact Captivation Method	Mechanical

Dimensions

Product Length	9.53 mm[.375 in]
RF Connector Mated Outer Diameter (Approximate)	8.99 mm[.354 in]
Profile Height from PCB	9.5 mm[.375 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	Package
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Other

Dielectric Material	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	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 2022 (223) 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.


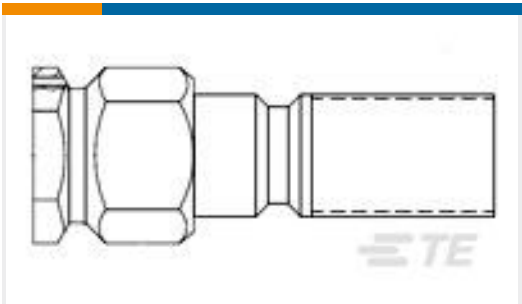



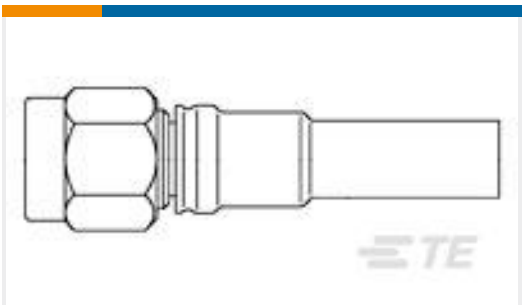
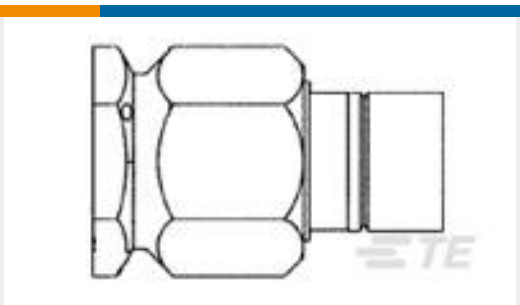
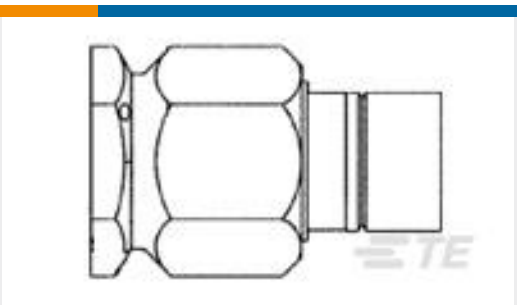
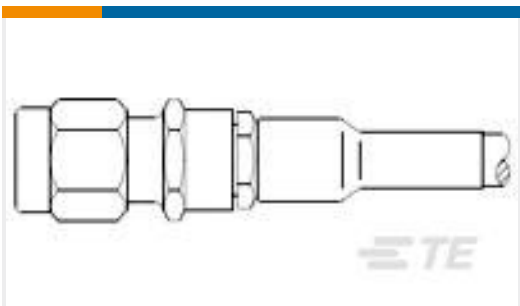
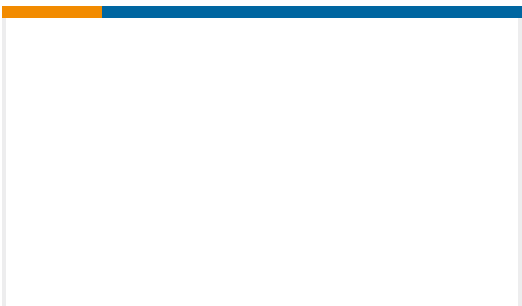
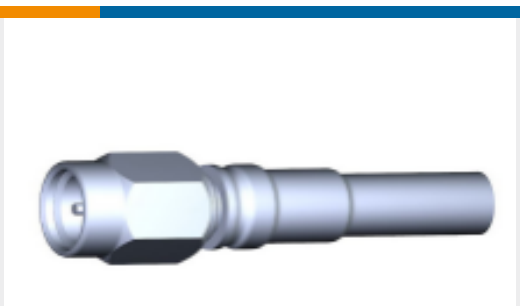
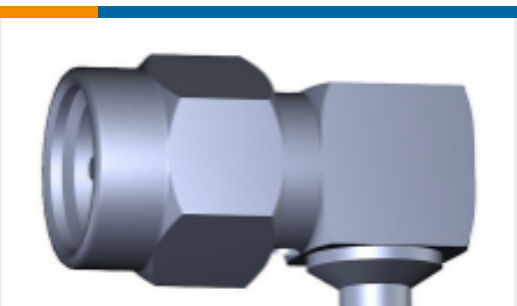


Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

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

 <p>TE Part # 1050776-1 2001 8002 92</p>	 <p>TE Part # 1051788-1 SMA CABLE PLUG 2031 8052 92</p>	 <p>TE Part # 1052173-1 2037 8026 92</p>	 <p>TE Part # 1052178-1 SMA RIGHT ANGLE CABLE PLUG 2037 8052 92</p>
 <p>TE Part # 1050609-1 SMA Cable Plug 2001 5431 02</p>	 <p>TE Part # 1063265-1 SCD 2031 5156 29</p>	 <p>TE Part # 1050801-1 2001 8308 92</p>	 <p>TE Part # 1050805-1 2001 8901 92</p>
 <p>TE Part # 1051686-1 2031 5102 00</p>	 <p>TE Part # 1052080-2 2037 5009 00</p>	 <p>TE Part # 1663515-1 SMA STR CABLE PLUG 2031 5003 66</p>	 <p>TE Part # 1051177-1 SMA R/A Cable Plug 2007 8107 92</p>



TE Part # 1050605-1
[SMA Cable Plug 2001 5397 02](#)



TE Part # 1050774-1
[2001 8001 92](#)



TE Part # 1050783-1
[2001 8008 92,SMA CABLE PLUG](#)



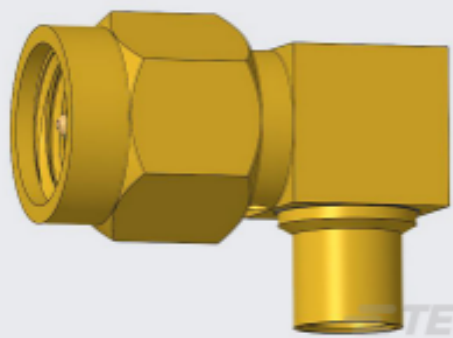
TE Part # 1050785-1
[SMA Cable Plug 2001 8101 92](#)



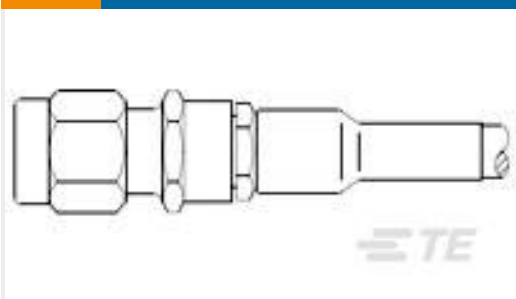
TE Part # 1050791-1
[2001 8201 92](#)



TE Part # 1051171-1
[2007 8101 92](#)



TE Part # 1051178-1
[SMA R/A Cable Plug 2007 8108 92](#)



TE Part # 1051757-1
[2031 8006 92](#)

Also in the Series | **AMP SMA**




[Battery Holders\(1\)](#)



[Between Series Adapters\(1\)](#)



[Coax Terminators\(1\)](#)



[In-Series Adapters\(10\)](#)



[Rack & Panel Ferrules & Inserts\(1\)](#)



[RF Cable Assemblies\(2\)](#)




[RF Connector Hardware\(2\)](#)



[RF Connector Launchers\(7\)](#)




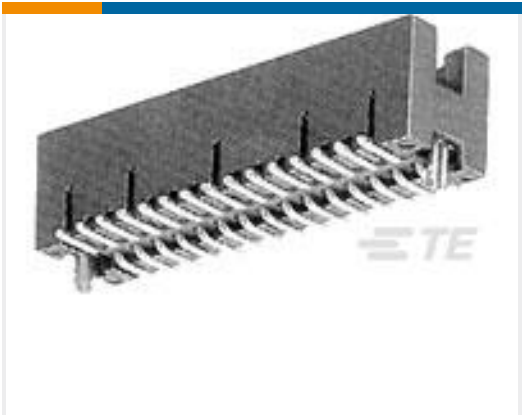



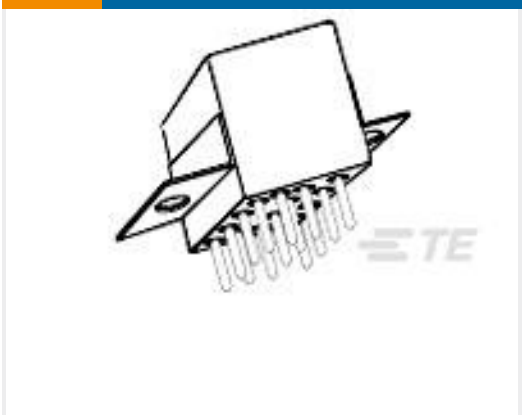




[RF Connector Shrouds\(3\)](#)



[RF Connectors\(298\)](#)

Customers Also Bought



 <p>TE Part #2-1617031-1 HFW1201K45M = M39016/6-109M</p>	 <p>TE Part #5-104655-5 40 50/50 HDR DRST SFMNT TIN</p>	 <p>TE Part #5-103904-2 3 MTE HDR SRRA LATCH W/HLDWN</p>	 <p>TE Part #5179030-3 0.8FH,P07H.5,080,08/Sn,TU</p>
 <p>TE Part #4525DO-SS3AS015APF PRESS XDCR,DIGITAL,PSI RANGE</p>	 <p>TE Part #2-1617754-1 FCA-410-1622M=M83536/16-022M</p>	 <p>TE Part #1218125-4 37 POS,ASSY,PLUG,LOW PROF,109</p>	 <p>TE Part #5767039-4 MICTOR,RA PLUG,152,.093PCB,ASY</p>
 <p>TE Part #750831-2 .050SR F SCRLK KIT,SL LN,BULK</p>	 <p>TE Part #5221198-1 JACK,VERT,PCB,TWIN BNC</p>		

Documents

Product Drawings

2062 8001 90,OSM JACK, QPL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1053372-1_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1053372-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1053372-1_F.3d_stp.zip

English

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

Datasheets & Catalog Pages

1053372-1

AMP SMA, RF Connectors, SMA RF Interface, Jack, 50 Ω, Threaded, 18 GHz
Operating Frequency, 1 Position, Printed Circuit Board, Board Mount



Products for Aerospace and Defense

English