

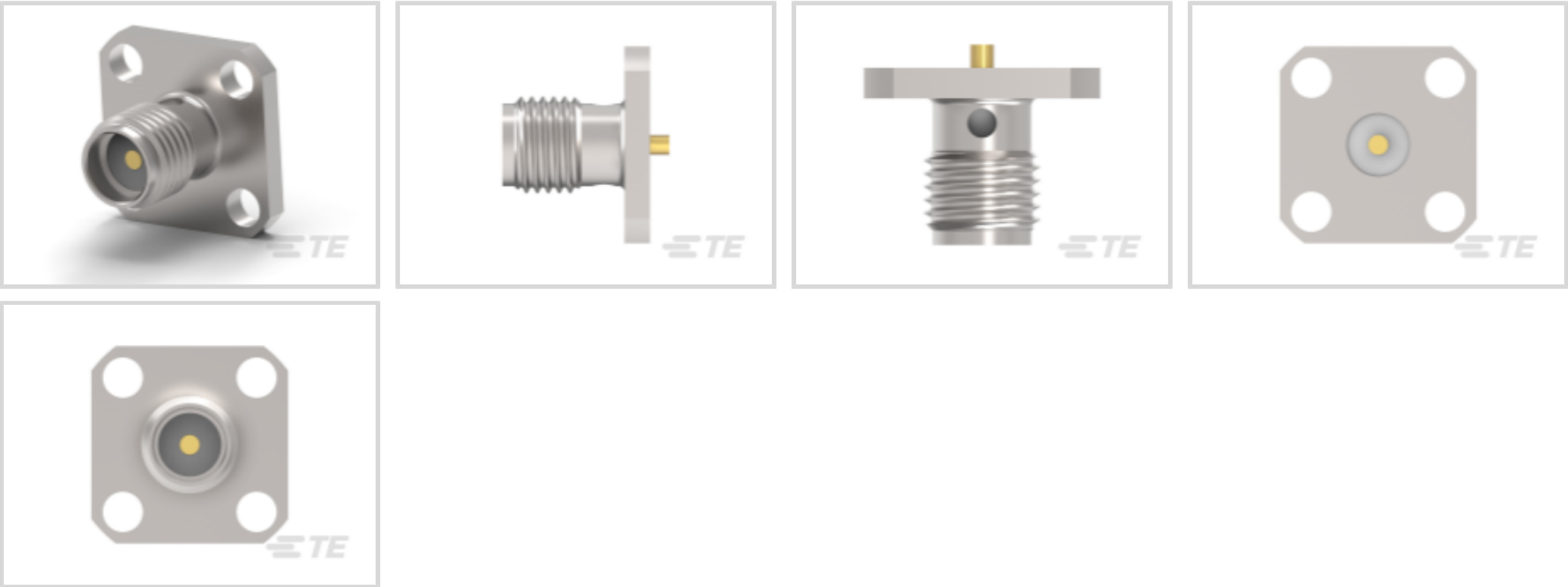
AMP SMA

TE Internal #: 1052563-1
AMP SMA, RF Connectors, SMA RF Interface, Jack, RF Connector
Mated Outer Diameter (Approximate) .25 in [6.35 mm], 50 Ω,
Threaded

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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	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 Center Contact Underplating Material	Copper
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 Wire & Cable	Solder
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Mechanical Attachment

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

Dimensions

Product Length	10.8 mm[.425 in]
RF Connector Mated Outer Diameter (Approximate)	6.35 mm[.25 in]

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °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

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 2021 (211) Candidate List Declared Against: JAN 2020 (205) 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

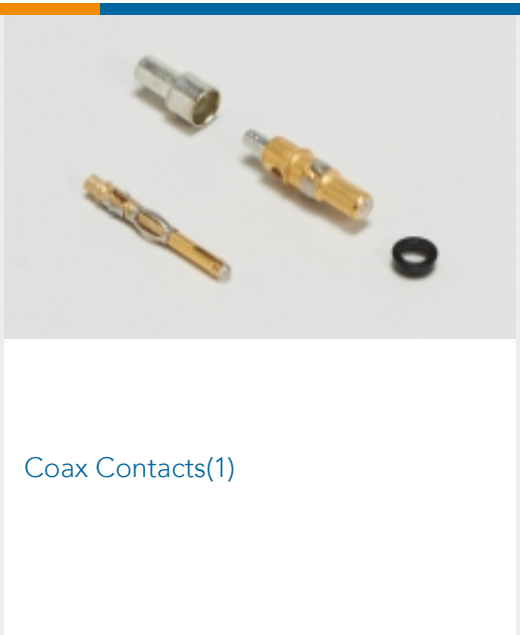
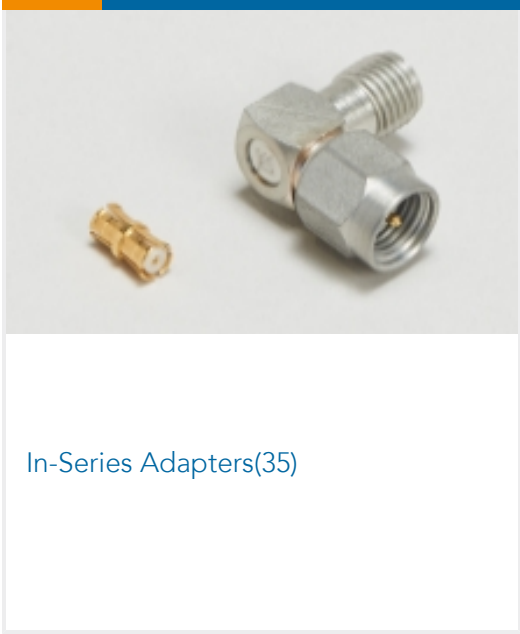
 TE Part # 1051644-1 2031 5003 02	 TE Part # 221789-1 JACK,PCB,SERIES SMA	 TE Part # 1050547-1 2001 5032 00	 TE Part # 1050548-1 2001 5032 02
 TE Part # 6274096-1 JACK ASSEMBLY, ACTION PIN, SMA	 TE Part # 1056443-1 2831 7388 02	 TE Part # 1050525-1 2001 5003 02,SMA CABLE PLUG	 TE Part # 2081005-1 ASSY. SMA JACK PCB EDGE MOUNT



 TE Part # 1050611-1 2001 5443 02	 TE Part # 1050740-1 2001 7641 02	 TE Part # 1050770-1 2001 7985 02,SMA CABLE PLUG	 TE Part # 1050524-1 2001 5003 00,SMA CABLE PLUG
 TE Part # 1050541-1 2001 5031 00	 TE Part # 1050542-1 2001 5031 02	 TE Part # 1050735-1 2001 7585 02	 TE Part # 1050756-1 2001 7941 00
 TE Part # 1050757-1 2001 7941 02	 TE Part # 1050762-1 2001 7943 00,SMA CABLE PLUG	 TE Part # 1050769-1 2001 7985 00,SMA CABLE PLUG	 TE Part # 1051013-1 2004 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)

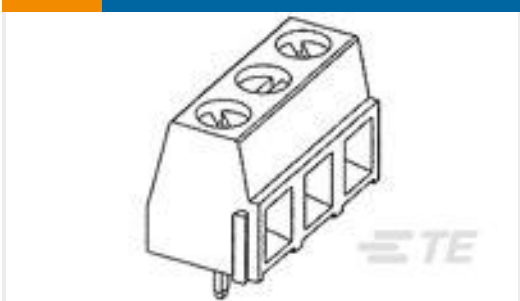


RF Connector Shrouds(10)

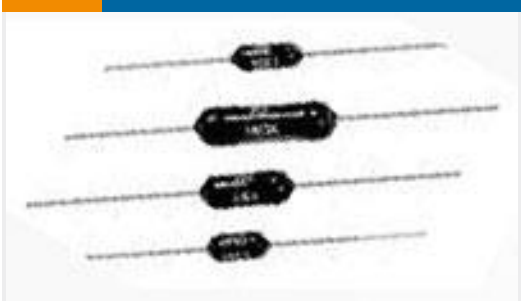


RF Connectors(527)

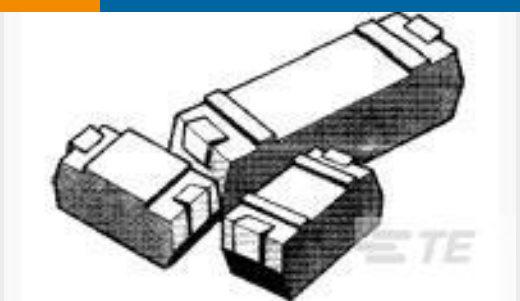
Customers Also Bought



TE Part #2-282837-4
TERMI-BLOK PCB MOUNT 24P



TE Part #4-1879617-1
H8 470R 1% 15PPM



TE Part #1624258-1
SL1 R051 5% TAPED



TE Part #YDTS26W15-19PCV001
D38999: Straight Plug, 15-19 Insert



TE Part #5-1617090-6
LS-9520M = DPDT LATCHING RELAY



TE Part #103960-3
5X4 MTE RCPT SR LATCH .100CL



TE Part #1617353-3
JMSWDD-26XM=M39016/21-012M



TE Part #4-1617543-8
JMSCDD-26XM=M39016/21-038M



TE Part #265163-000
81044/9-22-6



TE Part #4-1617566-8
J1MSWD-9XP=M39016/25-023P

Documents

Product Drawings

2052 1612 02

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1052563-1_A.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1052563-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1052563-1_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SMA Connectors](#)

English