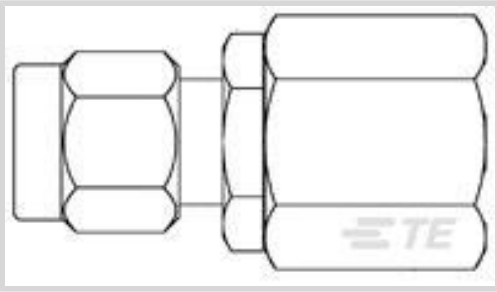




Connectors > RF Coax Connectors > RF Connectors



RF Interface: **SMA**

RF Connector Style: **Plug**

RF Connector Mated Outer Diameter (Approximate): **6.35 mm [ .25 in ]**

Impedance: **50 Ω**

Compatible With RF Cable Type: **.250 Semi-Rigid**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Plug
Compatible With RF Cable Type	.250 Semi-Rigid
Connector System	Cable-to-Cable
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector Seal Type	Gasket, 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	Passivated

Contact Features

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RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Brass

Termination Features

Termination Method to Wire & Cable	Clamp
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Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Cable Mount (Free-Hanging)
RF Contact Captivation Method	Mechanical
Detent	Without

Dimensions

Product Length	25.4 mm[1 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	Carton
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Other

Coupling Nut Plating Finish	Passivated
Gasket Material	Silicone Rubber
Coupling Nut Base Material	Stainless Steel
Dielectric Material	TFE Fluorocarbon

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
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: JUL 2017 (174)



SVHC > Threshold:  
Not Yet Reviewed









Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
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Solder Process CapabilityNot applicable for solder process capability



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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



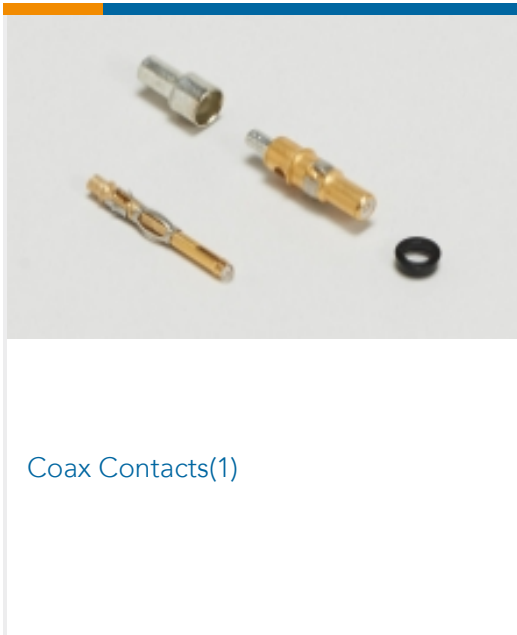

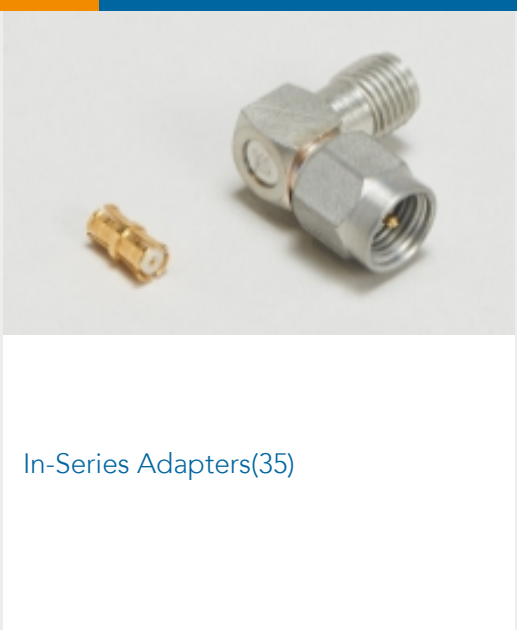



 <p>TE Part # 1051049-1 2006 5012 00</p>	 <p>TE Part # 1052076-1 2037 5008 02</p>	 <p>TE Part # 1051654-1 2031 5006 00 KIT, OSM STR PLUG</p>	 <p>TE Part # 1052534-1 2052 1300 02</p>
 <p>TE Part # 1053635-1 2081 0000 02</p>	 <p>TE Part # 1053489-1 2080 0000 02</p>	 <p>TE Part # 1054881-1 2084 1900 02</p>	 <p>TE Part # 1052898-1 2052 5636 02</p>



 <p>TE Part # 1053137-1 2058 3100 00</p>	 <p>TE Part # 1056456-1 2837 7316 02</p>	 <p>TE Part # 1051013-1 2004 7941 00</p>	 <p>TE Part # 1055069-1 2088 1230 00</p>
 <p>TE Part # 1051139-1 2007 7188 00</p>	 <p>TE Part # 1053261-1 2058 5328 02</p>	 <p>TE Part # 1052533-1 2052 1300 00,SMA FM JACK RECPT</p>	 <p>TE Part # 1053241-1 2058 5219 00</p>
 <p>TE Part # 1055070-1 2088 1230 02</p>	 <p>TE Part # 1052067-1 2037 5006 02,SMA RA CABLE PLUG</p>	 <p>TE Part # 1051650-1 2031 5005 00</p>	 <p>TE Part # 1053634-1 2081 0000 00</p>

Also in the Series

AMP SMA

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





RF Connector Launchers(13)



RF Connector Shrouds(10)



RF Connectors(529)

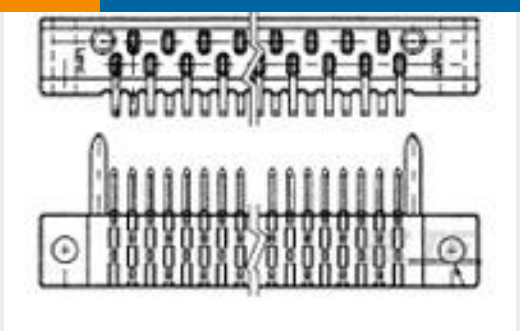
Customers Also Bought



TE Part #0462-201-20141  
DEUTSCH SOLID CONTACTS



TE Part #114017-ZZ  
DEUTSCH SEALING PLUGS



TE Part #1-582843-5  
29 AMP BLADE HDR ASSY/MIL



TE Part #1-480698-0  
02P UMNL PLUG HSG NATL



TE Part #105976-ZZ  
CONT SOC ASSY



TE Part #YDL60H-14-15PNV001  
HERM RECP

Documents

Product Drawings

2001 7752 02

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1050750-1\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1050750-1\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1050750-1\_A.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.



Instruction Sheets

Instruction Sheet (U.S.)

English

OSM Straight Cable Plug Compression Clamp Attachment 1050750-1

English