

1060412-1 ✓ ACTIVE



TE Internal #: 1060412-1

RF Connectors, SMB RF Interface, Plug, 50  $\Omega$ , RG 188/U

Compatible With RF Cable Type, Push-On, 0 – 4GHz Operating Frequency, Cable-to-Cable, 1 Position

[View on TE.com >](#)

Connectors > RF Coax Connectors > RF Connectors



RF Interface: **SMB**

RF Connector Style: **Plug**

Impedance: **50  $\Omega$**

Compatible With RF Cable Type: **RG 188/U**

RF Connector Coupling Mechanism: **Push-On**

## Features

### Product Type Features

RF Interface	SMB
RF Connector Style	Plug
Compatible With RF Cable Type	RG 188/U
Connector System	Cable-to-Cable
Sealable	No
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

### Electrical Characteristics

Impedance	50 $\Omega$
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### Body Features

Cable Connector Orientation	Right Angle
Body Material	Brass



Body Material Finish	Plated
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Body Plating Material	Gold
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Body Underplating Material	Copper
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### Contact Features

RF Connector Center Contact Plating Material	Gold
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RF Connector Center Contact Material	Beryllium Copper
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### Termination Features

Termination Method to Wire & Cable	Solder & Crimp
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### Mechanical Attachment

RF Connector Coupling Mechanism	Push-On
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RF Contact Captivation Method	Mechanical
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Detent	With
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### Usage Conditions

Operating Temperature Range	-65 – 165 °C[-85 – 329 °F]
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### Operation/Application

Operating Frequency	0 – 4 GHz
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### Packaging Features

Packaging Method	Bag
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### Other

Dielectric Material	TFE Fluorocarbon
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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
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUN 2020 (209)</p> <p>Candidate List Declared Against: JUN 2020 (209)</p> <p>SVHC &gt; Threshold:</p> <p>Pb (3.7% in Component Part)</p>
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#### 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.



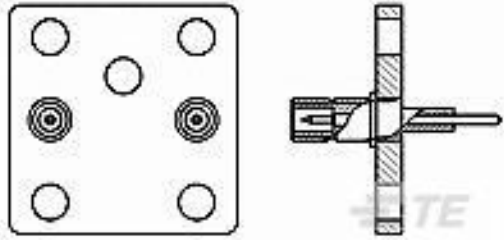
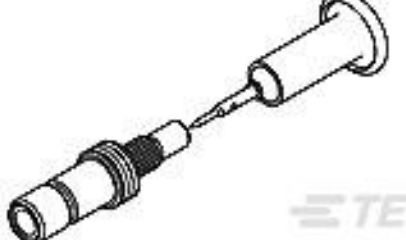
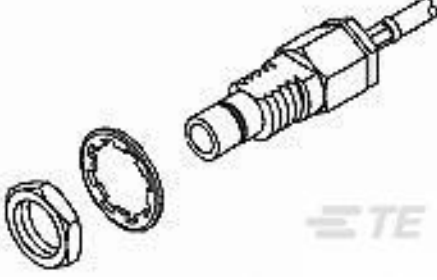



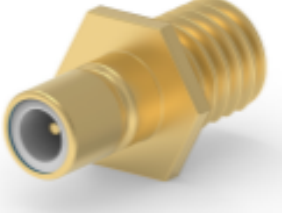

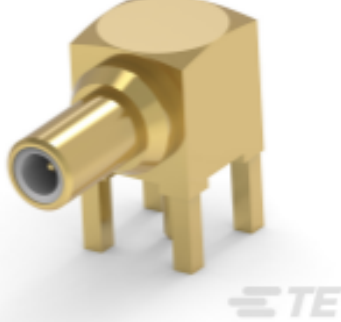



Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

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 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 # 1-1337480-0 SMB FM BHSkt 50Ohm Gold Pltd</p>	 <p>TE Part # 1-1337476-0 SMB RM BHJ PS 50Ohm Gold Pltd RG174AU,</p>	 <p>TE Part # 1274905-1 TWIN SMB JACK MOUNTED IN A FLA</p>	 <p>TE Part # 414170-2 CONNECTOR,JACK,SER SMB</p>
 <p>TE Part # 415006-1 SMB BLKHD JACK</p>	 <p>TE Part # 5415381-1 JACK, PCB,RTANG, SMB</p>	 <p>TE Part # 9-221014-0 RTANG JACK,PCB,75 OHM,SMB, LEA</p>	 <p>TE Part # 6-1337482-0 SMB Str PCB Skt 50Ohm Gold Pltd</p>
 <p>TE Part # 1046289-1 SCD,1250 2065 09,SMB</p>	 <p>TE Part # 1274265-1 SMB, BLKHD JACK,PCB, 50 OHM</p>	 <p>TE Part # 6-1337481-0 SMB R/A PCB Skt 50Ohm Gold Pltd Bulk</p>	 <p>TE Part # 6-1337604-0 SMB SMT Skt 50Ohm Gold Pltd</p>

### Documents



## Product Drawings

[5137 5010 09](#)

English

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## CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1060412-1\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1060412-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1060412-1\\_A.3d\\_stp.zip](#)

English

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## Datasheets & Catalog Pages

[SMB Connectors](#)

English

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## Instruction Sheets

[SMB Right Angle Cable Plug Crimp Attachment 1060412-1](#)

English

[Instruction Sheet \(U.S.\)](#)

English