



TE Internal #: 1-1337480-0

RF Connectors, SMB RF Interface, Jack, RF Connector Mated Outer Diameter (Approximate) .187 in [4.75 mm], 50 Ω, Snap-On, 4GHz Operating Frequency

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Connectors > RF Coax Connectors > RF Connectors



RF Interface: **SMB**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **4.75 mm [.187 in]**

Impedance: **50 Ω**

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

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMB
RF Connector Style	Jack
Connector System	Cable-to-Panel
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

Body Shape	Hexagonal
Cable Connector Orientation	Straight
Body Material	Brass
Body Plating Material	Gold

Contact Features

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

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Panel Attachment Style	Front Mount
Panel Mount Feature Type	Hex Nut
RF Connector Coupling Mechanism	Snap-On
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	Without

Dimensions

Flats Dimension	6.0 A/F
Panel Cutout	4.9 x 4.5 D-Shape
Panel Thickness (Recommended)	2.4 mm[.094 in]
Product Length	14.2 mm[.559 in]
RF Connector Mated Outer Diameter (Approximate)	4.75 mm[.187 in]

Usage Conditions

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

Operating Frequency	4 GHz
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Packaging Features

Packaging Quantity	100
Packaging Method	Tray

Other

Grade	Professional
Lockwasher Plating Material	Gold
Lockwasher Material	Brass
Additional Features	Pin Protection
Dielectric Material	PTFE

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

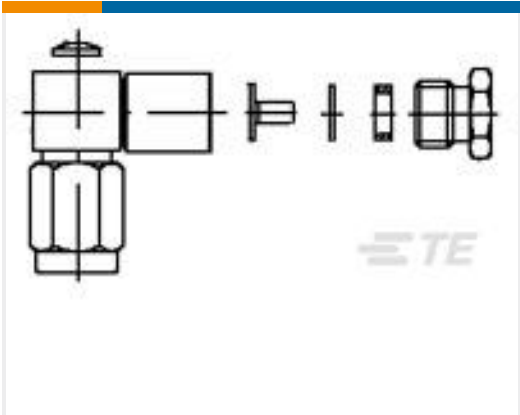


EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (3% 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

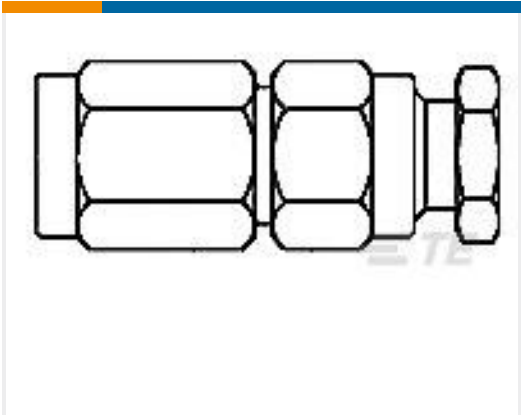
Product Compliance Disclaimer

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>

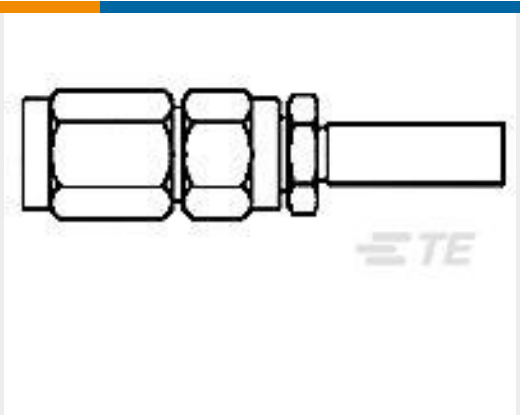
Compatible Parts



TE Part # 1060183-1
5007 5008 09



TE Part # 1060163-1
5001 5015 09



TE Part # 1060221-1
5031 5014 09

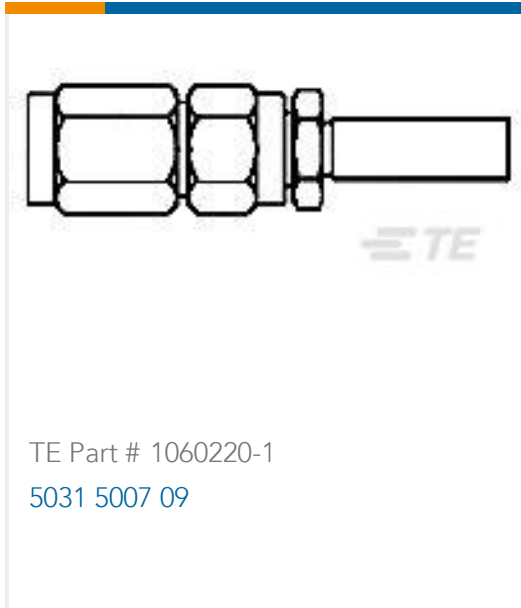


TE Part # CAT-884-SMBFPO50
SMB RF Connector: Female (Plug),
Push-On, 50 Ohm

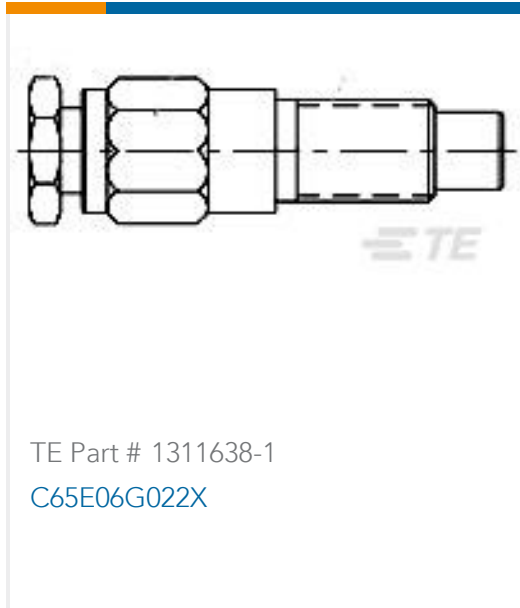




TE Part # CAT-884-SMBF50
SMB Connector: Female (Plug), Mated
Outer Dia. 4.75mm, 50 Ohm



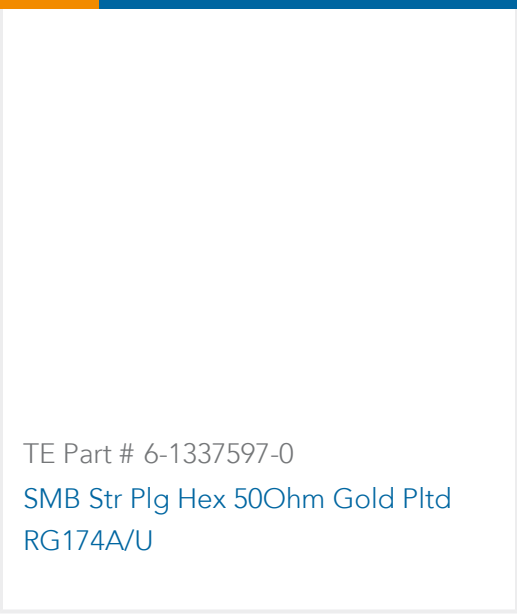
TE Part # 1060220-1
5031 5007 09



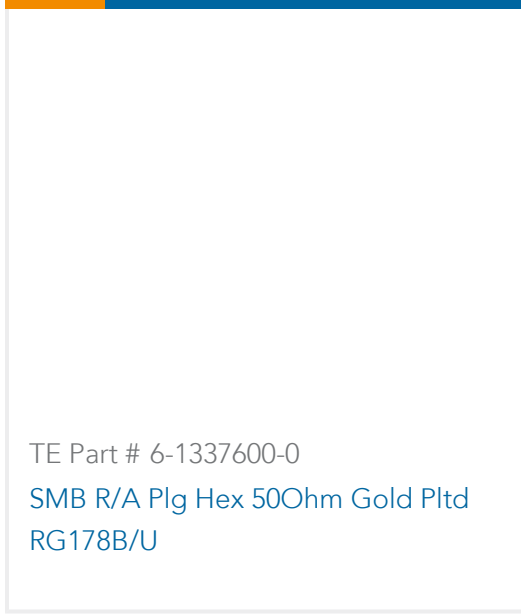
TE Part # 1311638-1
C65E06G022X



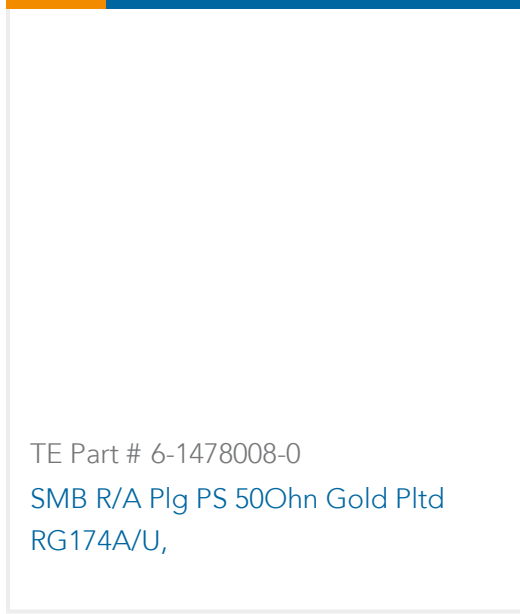
TE Part # 6-1337478-0
SMB R/A Plg Hex 50Ohm Gold Plated
RG174A



TE Part # 6-1337597-0
SMB Str Plg Hex 50Ohm Gold Pltd
RG174A/U



TE Part # 6-1337600-0
SMB R/A Plg Hex 50Ohm Gold Pltd
RG178B/U



TE Part # 6-1478008-0
SMB R/A Plg PS 50Ohm Gold Pltd
RG174A/U,

Customers Also Bought



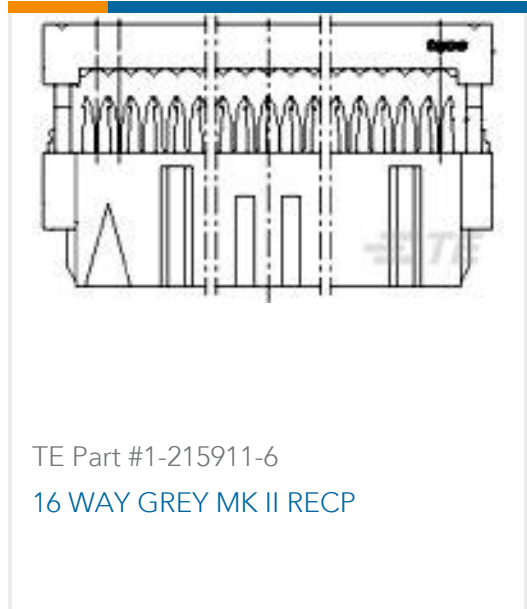
TE Part #1-480283-0
08P CMNL PLUG HSG M/M NATL



TE Part #1-87175-2
05 LOCKING CLIP HSG SR .100CL



TE Part #1-1478963-0
SMA PNL SKT RCPT, 2/FLNG GSS



TE Part #1-215911-6
16 WAY GREY MK II RECP



TE Part #NB-PTCO-160
RTD Platinum Thin Film Element



TE Part #1-1478966-0
SMA B/HD SKT RCPT GSS



TE Part #1-1814655-5
SIP IC Skt 20 SSR Sn/Au FLH RoHS



TE Part #1-1337482-0
SMB Str PCB Skt 50Ohm Gold Plt



TE Part #1-1337475-0
SMB Str Plg PS 50Ohm Gold Pltd
RG174A/U,



TE Part #1-1478046-0
BNC BH Adp JJ 50Ohm Silver Plt

Documents



Product Drawings

SMB FM BHSkt 50Ohm Gold Pltd

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1337480-0_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1337480-0_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1337480-0_D.3d_stp.zip

English

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

Datasheets & Catalog Pages

SMB Connectors

English