



TE Internal #: 2081570-1
2.92mm Series RF Interface, Jack, 50 ohm, Screw, 40 GHz
Operating Frequency, Cable-to-Board, 1 Position, Wire & Cable,
-55 – 125 °C [-67 – 257 °F]
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Connectors > RF Connectors > Coax Connectors



RF Interface: **2.92mm Series**
RF Connector Style: **Jack**
RF Connector Mated Outer Diameter (Approximate): **9.65 mm [.38 in]**
Impedance: **50 Ω**
RF Connector Coupling Mechanism: **Screw**

Features

Product Type Features

RF Interface	2.92mm Series
RF Connector Style	Jack
Connector System	Cable-to-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

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

Electrical Characteristics

EMI & RFI Protection & Suppression Type	PCB Ground
Impedance	50 Ω

Body Features

Cable Connector Orientation	Straight
Body Material	Stainless Steel



Body Material Finish	Passivated
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Contact Features

RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

Mechanical Attachment

RF Connector Coupling Mechanism	Screw
RF Contact Captivation Method	Mechanical

Dimensions

Profile Height from PCB	10.94 mm[.431 in]
RF Connector Mated Outer Diameter (Approximate)	9.65 mm[.38 in]

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Circuit Application	Signal
Operating Frequency	40 GHz

Packaging Features

Packaging Method	Bag
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Other

Dielectric Material	Polyetherimide (PEI)
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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	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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 # 1050524-1 2001 5003 00, SMA CABLE PLUG</p>	 <p>TE Part # 1-2016655-0 SMA, MALE-MALE, 18G, L1000, WITHOUT ARMOR</p>	 <p>TE Part # 1-2016703-0 N M TO SMA M, 18G, 1.0M WITH ARMOR</p>	 <p>TE Part # 1050525-1 2001 5003 02, SMA CABLE PLUG</p>
 <p>TE Part # 1-1478924-0 SMA R/A PLG S/CRMP RG174 GSS</p>	 <p>TE Part # 1053635-1 2081 0000 02</p>	 <p>TE Part # 1-2016655-5 SMA M DOUBLE, 18G, 1.5M WITHOUT ARMOR</p>	 <p>TE Part # 1-2016656-0 SMA M DOUBLE, 18G, 1.0M WITH ARMOR, PUR</p>
 <p>TE Part # 1-2016656-5 SMA M DOUBLE, 18G, 1.5M WITH ARMOR, PUR</p>	 <p>TE Part # 1-2016662-0 2.92, M, BOTH END, WITH ARMOR CABLE, 40GHZ</p>	 <p>TE Part # 1-2016662-5 2.92 M DOUBEL, 40G, 1.5M, WITH ARMOR, BRAID</p>	 <p>TE Part # 1-2016663-0 3.5 M DOUBLE, 26.5G, 1.0M, WITH ARMOR, BRAID</p>







TE Part # 1-2016663-5
3.5 M DOUBLE,26.5G,1.5M,WITH ARMOR,BRAID




TE Part # 1-2016703-5
N M TO SMA M,18G,1.5M WITH ARMOR




TE Part # 2016655-6
SMA M DOUBLE,18G,0.6M WITHOUT ARMOR




TE Part # 2016656-6
SMA M DOUBLE,18G,0.6M WITH ARMOR,PUR



TE Part # 2016662-6
2.92 M DOUBEL,40G,0.6M,WITH ARMOR,BRAID




TE Part # 2016663-6
3.5 M DOUBLE,26.5G,0.6M,WITH ARMOR,BRAID




TE Part # 2016703-6
N M TO SMA M,18G,0.6M WITH ARMOR


Customers Also Bought




TE Part #DT04-2P
REC, 2P, GRY, N




TE Part #DT06-2S
PLG, 2P, GRY, N



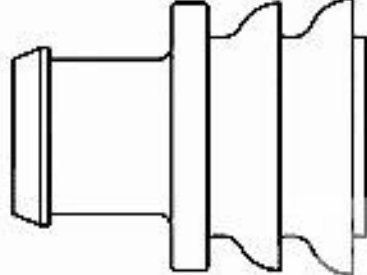
TE Part #W2S
Wedgelocks: DEUTSCH DT




TE Part #0460-202-16141
DEUTSCH Solid Contacts



TE Part #282104-1
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT

Documents

Product Drawings
2.92MM JACK 2 HOLE FLANGE RECEPTACLE
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2081570-1_A.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_2081570-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2081570-1_A.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English