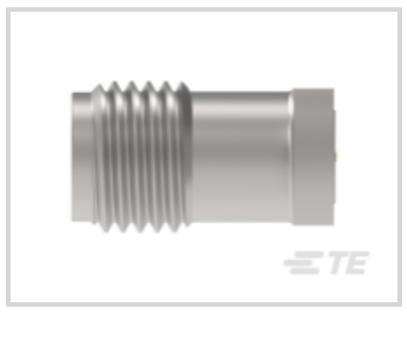
2081570-1 ✔ ACTIVE

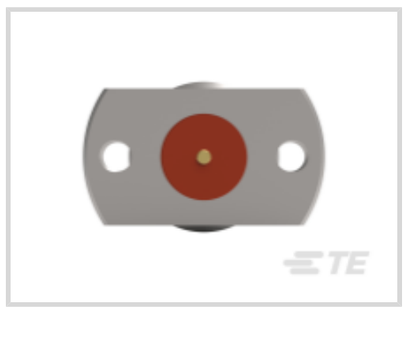
TE Internal #: 2081570-1

2.92mm Series Connector, Jack, 50 ohm, Screw, 40 GHz, Cable-to-Board, 1 Position, Wire & Cable, -55 – 125 °C [-67 – 257 °F], Straight, Stainless Steel

View on TE.com >

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

Contact Features

RF Connector Center Contact Plating Material	Gold (Au)
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]

Operation/Application

Circuit Application	Signal
Operating Frequency Range	40 GHz

Packaging Features

Packaging Method	Bag

Other

Dielectric Material	Polyetherimide (PEI)

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

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

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

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

TE Part # 1-2016662-5
2.92 M DOUBEL,40G,1.5M,WITH ARMOR,BRAID

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

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

TE Part # 1-1478924-0
SMA R/A PLG S/CRMP RG174 GSS

TE Part # 1-2016703-0
N M TO SMA M,18G,1.0M WITH ARMOR

TE Part # 1-2016655-0
SMA,MALE-MALE,18G,L1000, WITHOUT ARMOR

TE Part # 1-2016656-0
SMA M DOUBLE,18G,1.0M WITH ARMOR,PUR

TE Part # 1-2016663-0
3.5 M DOUBLE,26.5G,1.0M,WITH ARMOR,BRAID

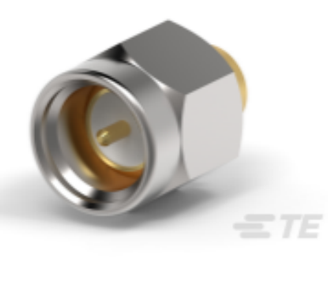
TE Part # 2016655-6
SMA M DOUBLE,18G,0.6M WITHOUT ARMOR

TE Part # 1-2016655-5
SMA M DOUBLE,18G,1.5M WITHOUT ARMOR

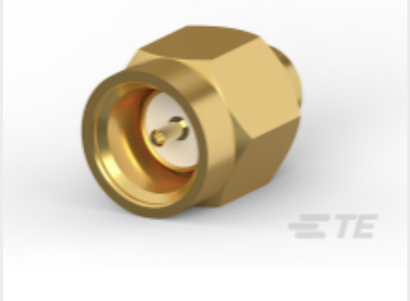
TE Part # 1053635-1
2081 0000 02

TE Part # 1-2016656-5
SMA M DOUBLE,18G,1.5M WITH ARMOR,PUR

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



TE Part # 1050525-1
2001 5003 02,SMA CABLE PLUG



TE Part # 1050524-1
2001 5003 00,SMA CABLE PLUG

TE Part # 1-2016662-0
2.92,M,BOTH END,WITH ARMOR CABLE,40GHZ

Customers Also Bought

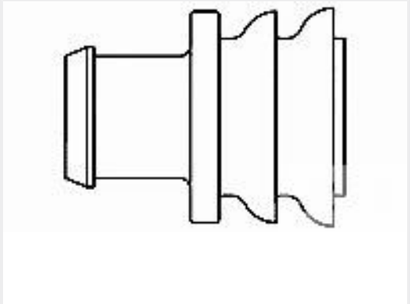
TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts

TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT

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

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

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



TE Part #281934-2
SINGLE WIRE SEAL

TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

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

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

Product Specifications

Product Specification

English