2081570-2 ✔ ACTIVE

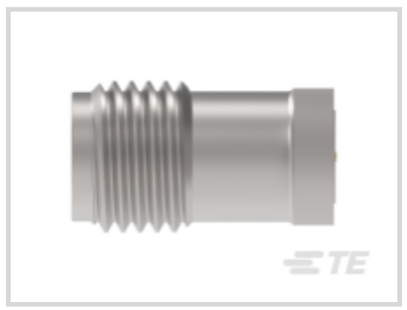
RF 2.92mm

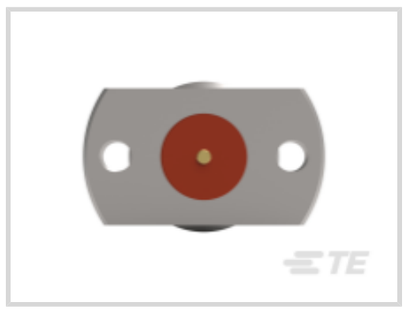
TE Internal #: 2081570-2

2.92mm Series Connector, Jack, 50 ohm, Screw, 40 GHz, Cable-to-Board, 1 Position, Printed Circuit Board, -55 – 125 °C [-67 – 257 °F], RF 2.92mm

View on TE.com >

Connectors > RF Connectors > Coax Connectors




RF Interface: **2.92mm Series**

RF Connector Style: **Jack**

Impedance: **50 Ω**

RF Connector Coupling Mechanism: **Screw**

Operating Frequency Range: **40 GHz**

Features

Product Type Features

RF Interface	2.92mm Series
RF Connector Style	Jack
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

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

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

Housing Features

Body Orientation	Straight

Dimensions

Profile Height from PCB	9.6 mm[.378 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & 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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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

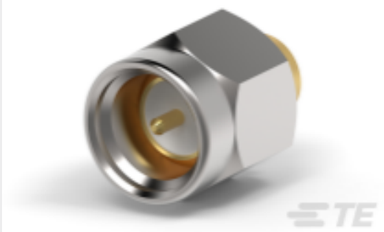
Compatible Parts



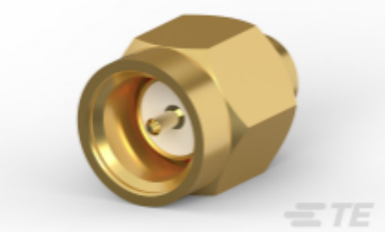
TE Part # 2016663-6
3.5 M DOUBLE,26.5G,0.6M,WITH ARMOR,BRAID



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



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



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



TE Part # 1053635-1
2081 0000 02



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



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



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



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



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



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



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



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



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

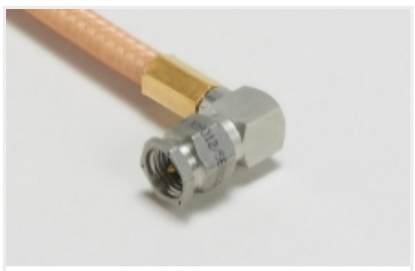


TE Part # 1-2016703-0
N M TO SMA M,18G,1.0M WITH ARMOR

Also in the Series | RF 2.92mm



Coax Connectors(8)



RF Cable Assemblies(7)

Customers Also Bought



TE Part #11028362-00
LDT0-028K W/SOLDER TAB CLEAR



TE Part #GA10K3A1IA
DISCRETE 10K OHMS,+/-0.1C FROM 0C TO 70C



TE Part #5-146281-3
03 MODII HDR SRST B/A LF



TE Part #215083-4
MICRO-MATCH MOW.04P



TE Part #1-826629-6
16X1 AMPMODU II HDR ST



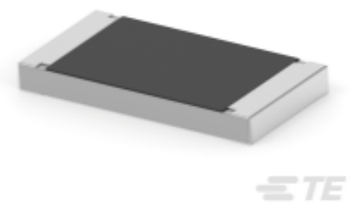
TE Part #1-1337445-0
BNC Str PCB Skt 50Ohm Silver P



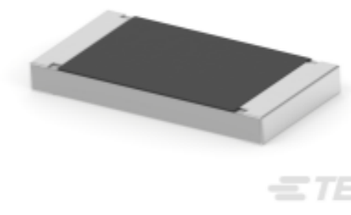
TE Part #1622396-1
LR1 1% 240R



TE Part #1622795-2
YR1 0.1% 2K61



TE Part #2176350-7
CRGCQ 2512 10R 5%



TE Part #2176350-8
CRGCQ 2512 15R 5%

Documents

Product Drawings

2.92MM JACK 2 HOLE FLANGE RECEPTACLE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2081570-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2081570-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2081570-2_A.3d_stp.zip

English

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Product Specifications

Product Specification

English