2037 5009 00 ✔ ACTIVE

AMP | AMP SMA

TE Part # 1052080-2

TE Internal #: 1052080-2

View on TE.com >

Connectors > RF & Coax Connectors > RF Connectors

RF Interface: **SMA**

RF Connector Style: **Plug**

RF Connector Mated Outer Diameter (Approximate): **8.99 mm [.354 in]**

Impedance: **50 Ω**

Cable Type: **RG 180, RG 195**

Features

Product Type Features

RF Interface	SMA
RF Connector Style	Plug
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector Seal Type	Interfacial Seal

Configuration Features

Port Configuration	Single Port
Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω

Body Features

Cable Connector Orientation	Right Angle
Body Material	Stainless Steel
Body Finish	Plated
Body Plating Material	Gold

Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Cable Mount (Free-Hanging)
RF Contact Captivation Method	Epoxy

Dimensions

RF Connector Mated Outer Diameter (Approximate)	8.99 mm[.354 in]

Usage Conditions

Cable Type	RG 180, RG 195
Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]

Operation/Application

Operating Frequency	3 GHz

Packaging Features

Packaging Method	Package

Other

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 2019 (197) Candidate List Declared Against: JAN 2019 (197)
Halogen Content	Not Yet Reviewed for halogen content
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished

product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Also in the Series | AMP SMA



Battery Holders(1)



Between Series Adapters(4)



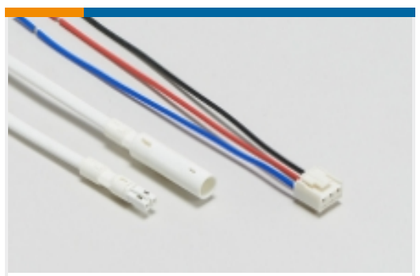
Coax Contacts(1)



Coax Terminators(1)



In-Series Adapters(36)



Power Cable Assemblies(1)



Rack & Panel Ferrules & Inserts(1)



RF Cable Assemblies(20)



RF Connector Hardware(3)



RF Connector Launchers (14)



RF Connector Shrouds(10)



RF Connectors(532)

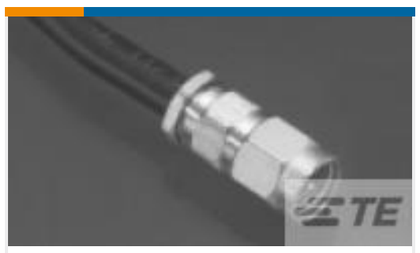
Customers Also Bought



TE Part #1589694-6
TCM044PC2DM120B = CIRCULAR



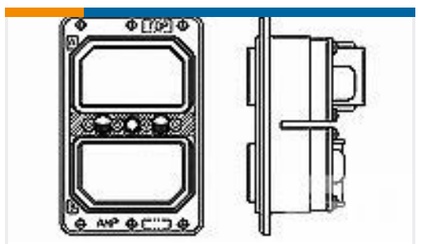
TE Part #1045338-1
SCD,3152 5332 10,TNC



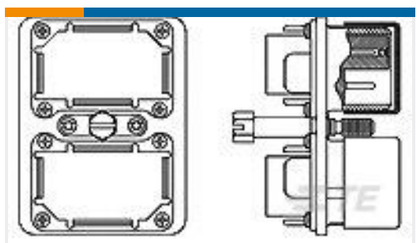
TE Part #1045383-1
SCD,2001 7316 00,SMA



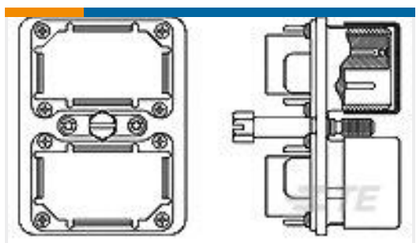
TE Part #1329533-1
SCD,3752 5037 02,TNC



TE Part #1757312-1
RME2R106S22Q2P-0101 (201)



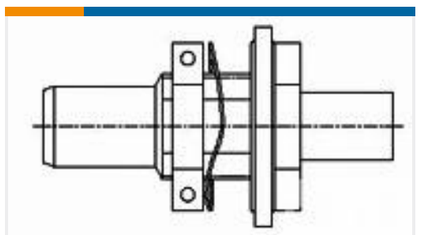
TE Part #1757313-1
RME2P106P22Q2S-4601 (201)



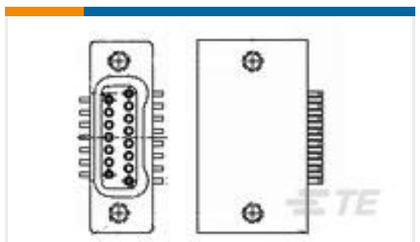
TE Part #1757313-2
RME2P106P22Q2S-4602 (201)



TE Part #211538-1
AMPLIMITE,ASY,RCPT,FB, 90,3



TE Part #682615-000
DK-621-0412-US



TE Part #5-1589484-5
STM037L44KN = SMT CONN

Documents

Product Drawings

2037 5009 00

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1052080-2_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1052080-2_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1052080-2_E.3d_stp.zip

English

Instruction Sheets

OSM Right Angle Cable Plug Crimp Attachment 1052080-1, 1327121-1, 1052081-1, and 1061840-1

English

Instruction Sheet (U.S.)

English