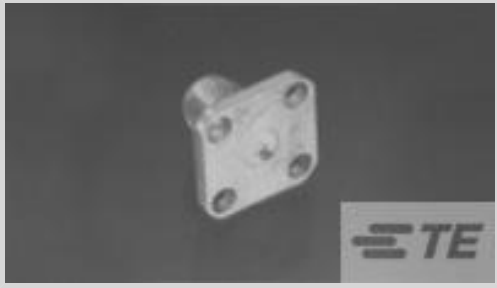




Connectors > RF Connectors > Coax Connectors



RF Interface: **SMA**

RF Connector Style: **Jack**

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

Impedance: **50 Ω**

RF Connector Coupling Mechanism: **Threaded**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector Seal & Plug Type	Hermetic
RF Interface	SMA
RF Connector Style	Jack
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board, Wire & Cable

Configuration Features

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

Electrical Characteristics

Impedance	50 Ω
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Body Features

Body Material	Stainless Steel
Body Material Finish	Plated
Body Plating Material	Gold

Contact Features

RF Connector Center Contact Underplating Material	Copper, Nickel
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RF Connector Contact Configuration	Captivated Contacts
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Panel Mount Feature Type	Flange
Panel Attachment Style	Front Mount
RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical

Dimensions

Product Length	17.07 mm[.672 in]
RF Connector Mated Outer Diameter (Approximate)	8.99 mm[.354 in]

Usage Conditions

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

Operating Frequency	18 GHz
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Packaging Features

Packaging Method	Package
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Other

Number of Panel Mounting Holes	4
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 2024 (240) Candidate List Declared Against: JAN 2019 (197)



SVHC > Threshold:
Not Yet Reviewed

Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Hand solderable with tin/lead solder

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.

Compatible Parts

TE Part # 1051797-1
2031 8112 92

Also in the Series | AMP SMA

Battery Holders(1)

Coax Connectors(207)

Connector Adapters & Connector Savers(10)

Connector Caps & Covers(3)



Connector Hardware(2)



Connector Strain Relief(1)

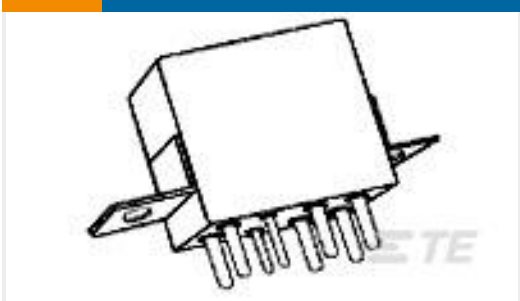


RF Cable Assemblies(2)



RF Connector Launchers(6)

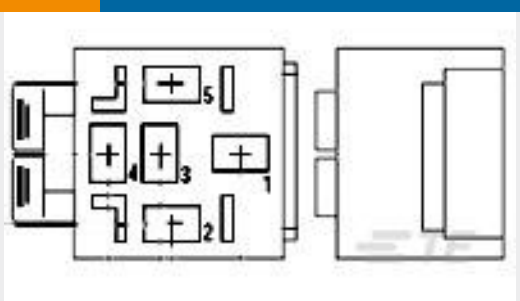
Customers Also Bought



TE Part # 4-1617758-7
FCB-205-0222M=M83536/2-022M



TE Part # 204516-2
RECEPT ASSY,SZ 3,AMPLIMITE



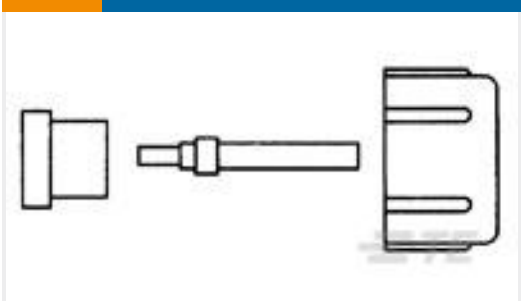
TE Part # 1-1393305-3
VCF4-1003=VC



TE Part # 34104-6
SOLIS R 22-16 4 NIPL



TE Part # 680330-000
D-609-10



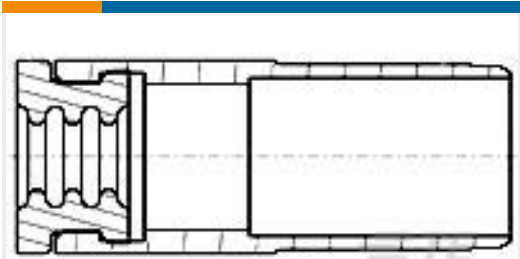
TE Part # 862128-3
LGH-1 MOLDED END KIT



TE Part # ZPF000000000017893
FAST-E 07 F-X-B 00 A



TE Part # 236856-000
SO96-3-01



TE Part # 1877626-1
Seal Assembly,Size 8 GPR



TE Part # E70854-000
NSA937901E4

Documents

Product Drawings

2052 3123 00

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1052604-1_D_c-1052604-1-d.2d_dxf.zip

1052604-1

SMA RF Interface, Jack, 50 Ω , Threaded, 18 GHz Operating Frequency, 1 Position,
Sealable, Wire & Cable / Printed Circuit Board, Panel Mount, AMP SMA



English

Customer View Model

[ENG_CVM_CVM_1052604-1_D_c-1052604-1-d.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1052604-1_D_c-1052604-1-d.3d_stp.zip](#)

English

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