

1050776-1 ✓ ACTIVE

[AMP](#) | [AMP SMA](#)

TE Internal #: 1050776-1

SMA RF Interface, Plug, 50 Ω, RG 402 Semi-Rigid, Threaded, 18 GHz Operating Frequency, 1 Position, Wire & Cable, Cable Mount (Free-Hanging), AMP SMA

[View on TE.com >](#)



[Connectors](#) > [RF Connectors](#) > [Coax Connectors](#)



RF Interface: **SMA**

RF Connector Style: **Plug**

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

Impedance: **50 Ω**

Compatible With RF Cable Type: **RG 402 Semi-Rigid**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector Seal & Plug Type	Interfacial Seal
RF Interface	SMA
RF Connector Style	Plug
Compatible With RF Cable Type	RG 402 Semi-Rigid
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

Cable Connector Orientation	Straight
Body Material	Stainless Steel
Body Material Finish	Plated
Body Plating Material	Gold

Contact Features

RF Connector Center Contact Underplating Material	Copper
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RF Connector Center Contact Plating Material	Gold
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RF Connector Center Contact Material	Beryllium Copper
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Termination Features

Termination Method to Wire & Cable	Solder
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Mechanical Attachment

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

Product Length	11.18 mm[.44 in]
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RF Connector Mated Outer Diameter (Approximate)	8.99 mm[.354 in]
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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

Coupling Nut Plating Finish	Passivated
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Coupling Nut Base Material	Stainless Steel
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Military Category	B
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Grade	Military
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Dielectric Material	PTFE
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2022 (224)
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SVHC > Threshold:

Pb (3.7% in Component Part)

Article Safe Usage Statements:

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.

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 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 # 1053372-1
2062 8001 90,OSM JACK, QPL


Also in the Series | AMP SMA




Battery Holders(1)



Coax Connectors(295)



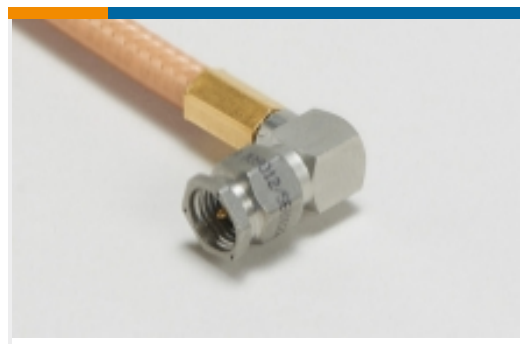
Connector Caps & Covers(3)



Connector Savers & Adapters(12)



Rack & Panel Ferrules & Inserts(1)



RF Cable Assemblies(2)



RF Connector Hardware(2)

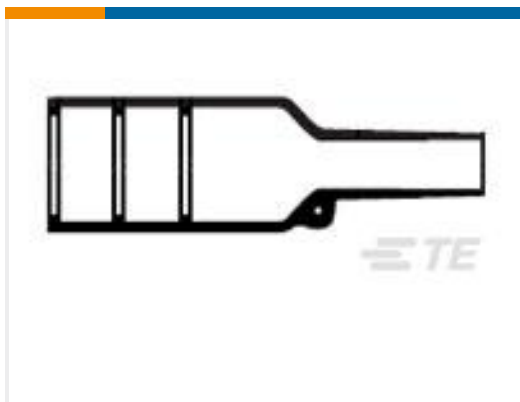


RF Connector Launchers(8)



RF Terminators(1)

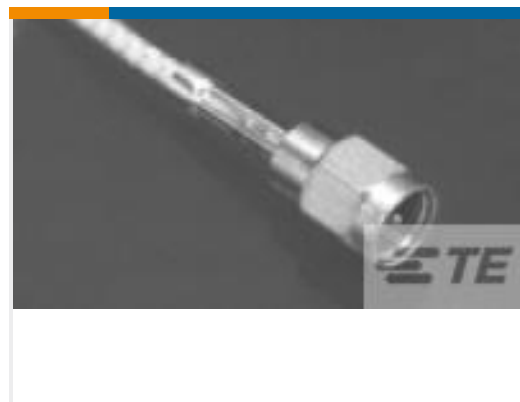
Customers Also Bought



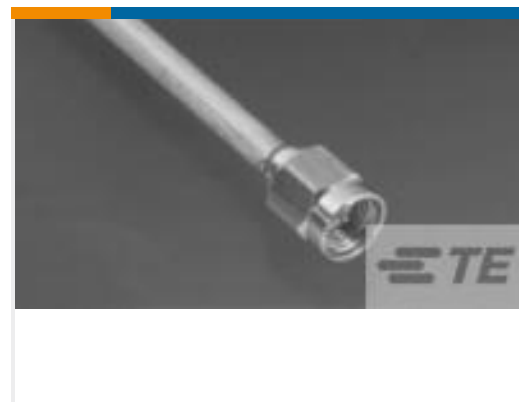
TE Part #419820-000
202K132-3/86-0



TE Part #2157480-4
AMPLIMITE IP67,SZ4, 109, 37 POS,IFS, PLUG



TE Part #1050547-1
2001 5032 00



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



TE Part #1051018-1
2004 7985 00



TE Part #1059868-1
4706 7985 02



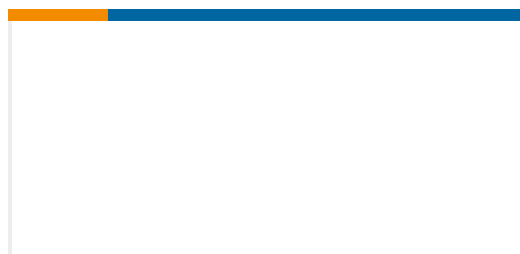
TE Part #1532175-4
M83513/04-E04N, MCKS-N1-B-31S6G9-36.0



TE Part #1057697-1
3106 7941 00



TE Part #346933-000
2000P-RIBBON-4AG-NAR



TE Part #277493-000
2000P-RIBBON-4TT-NAR

Documents



Product Drawings

[2001 8002 92](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1050776-1_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1050776-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1050776-1_E.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Products for Aerospace and Defense](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English