

1051788-1 ACTIVE

AMP | AMP SMA

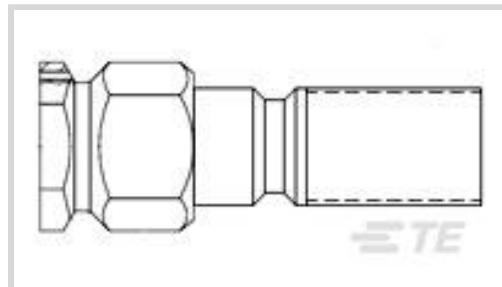
TE Internal #: 1051788-1

SMA RF Interface, Plug, 50 Ω, RG 223 / RG 142 / RG 400, Threaded, 12.4 GHz Operating Frequency, 1 Position, Wire & Cable, 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 142, RG 223, RG 400

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 142, RG 223, RG 400
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	Passivated

Contact Features

RF Connector Center Contact Underplating Material	Copper
RF Connector Contact Configuration	Captivated Contacts

Ferrule Plating Material	Gold
Ferrule Material	Copper Alloy
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Copper Alloy

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

Dimensions

Product Length	33 mm[1.3 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	12.4 GHz
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Packaging Features

Packaging Method	Package
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Other

Coupling Nut Plating Finish	Passivated
Coupling Nut Base Material	Stainless Steel
Military Category	D
Grade	Military
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 2024

(240)

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

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 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)



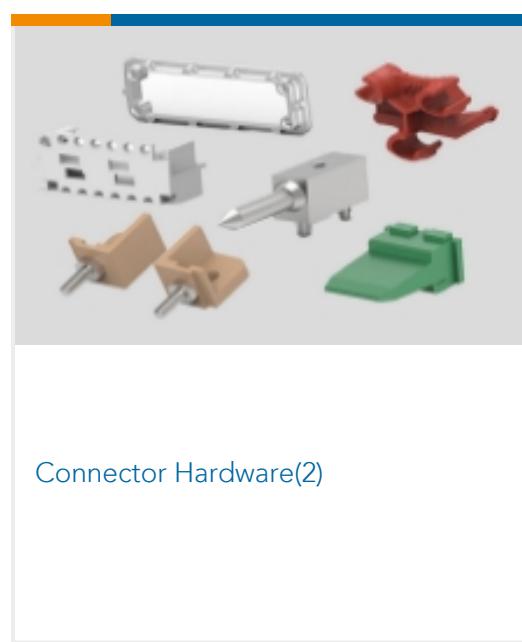
Coax Connectors(207)



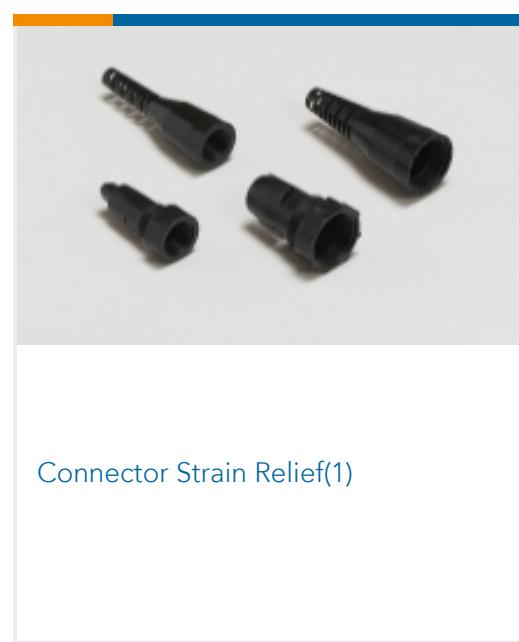
Connector Adapters & Connector Savers(10)



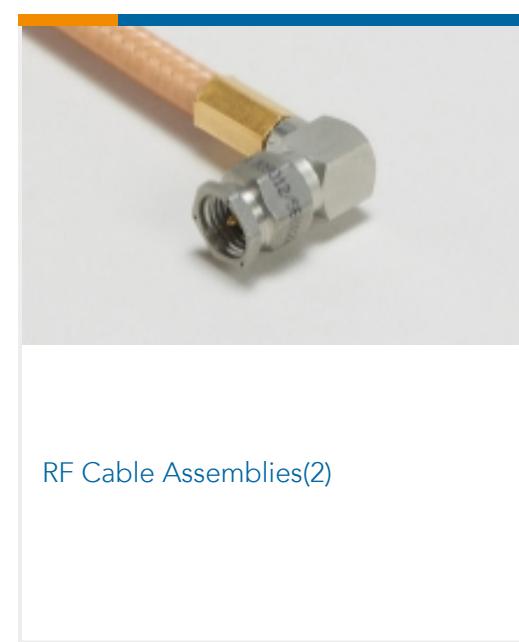
Connector Caps & Covers(3)



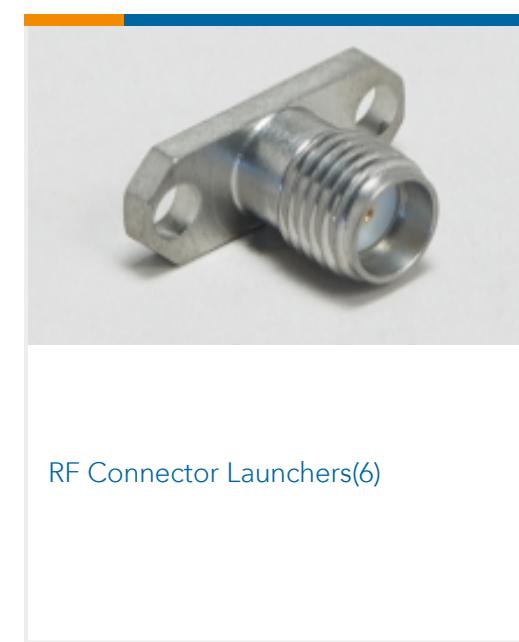
Connector Hardware(2)



Connector Strain Relief(1)

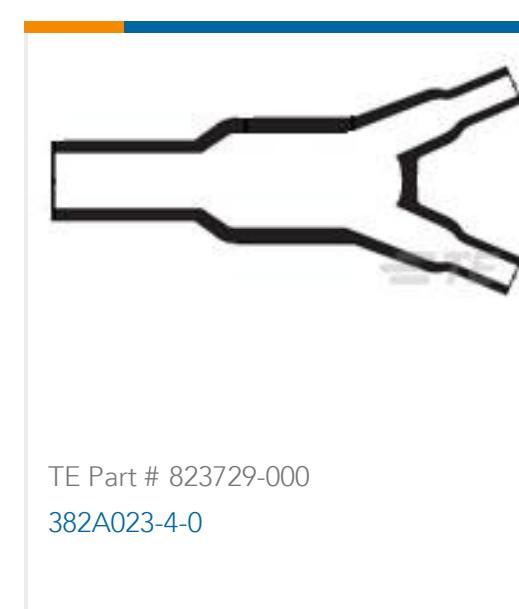


RF Cable Assemblies(2)



RF Connector Launchers(6)

Customers Also Bought

TE Part # 350543-1
04P CMNL HDR ASSY SHORT NATLTE Part # 66259-1
MALE CONTACT ASSY. (L.P.)TE Part # 66741-8
TYPE XII FEMALE CONT (L.P.)TE Part # 103171-2
MOD IV RECP LPTE Part # 160892-000
TTVF100WE-100TE Part # YDTS24W17-35PAV001
RECP ASSYTE Part # 740072-000
SO63-3-01TE Part # 823729-000
382A023-4-0TE Part # 6-1393227-5
RTE24006FTE Part # 094514-000
2000P-RIBBON-WH-MED

Documents

Product Drawings

SMA CABLE PLUG 2031 8052 92

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1051788-1_B.2d_dxf.zip

English

Customer View Model

[ENG_CVM_CVM_1051788-1_B.3d_jgs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1051788-1_B.3d_stp.zip](#)

English

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

Instruction Sheets

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

English