

AMP SMA

TE Internal #: 1-1478915-0
RF Plugs & Jacks, SMA RF Interface, Plug, 50 Ω, RG 141A / RG 58C / URM 43, Threaded, 26 GHz Operating Frequency, Cable-to-Cable, 1 Position, AMP SMA

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Connectors > RF Connectors > RF Plugs & Jacks



RF Interface: **SMA**
RF Connector Style: **Plug**
RF Connector Mated Outer Diameter (Approximate): **6.35 mm [.25 in]**
Impedance: **50 Ω**
Compatible With RF Cable Type: **KX 15, RG 141A, RG 58C, URM 43, URM 76**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector Seal Type	Gasket
RF Interface	SMA
RF Connector Style	Plug
Compatible With RF Cable Type	KX 15, RG 141A, RG 58C, URM 43, URM 76
Connector System	Cable-to-Cable
Sealable	Yes
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
RF Connector Contact Configuration	Not Captivated
Ferrule Plating Material	Gold
Crimp Type	Hex
Ferrule Material	Brass
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Brass

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
RF Contact Captivation Method	Mechanical
Detent	Without

Dimensions

Product Length	17.8 mm[.701 in]
RF Connector Mated Outer Diameter (Approximate)	6.35 mm[.25 in]

Usage Conditions

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

Operating Frequency	26 GHz
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Packaging Features

Packaging Quantity	100
Packaging Method	Box

Other

Coupling Nut Plating Material	Gold
Coupling Nut Base Material	Stainless Steel



Grade	Professional
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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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (.35% 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	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
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 # 1-1478963-0
SMA PNL SKT RCPT, 2/FLNG GSS



TE Part # 1-1478979-0
SMA STR PCB SKT GSS



TE Part # 1-1478966-0
SMA B/HD SKT RCPT GSS



TE Part # 1-1478968-0
SMA PNL SKT LNCH STUB 4/FLNG GSS NCC





TE Part # 1-1478988-0
SMA B/HD JK DS RG405 GSS



TE Part # 1-1478978-0
SMA R/A PCB SKT GSS



TE Part # 2-1478966-0
SMA B/HD SKT RCPT PSS



TE Part # 2-1478968-0
SMA PNL SKT LNCH STUB 4/FLNG PSS NCC



TE Part # 9-1478242-0
PRO-C HEX DIE RG58-RG59-URM70


Also in the Series | AMP SMA



Battery Holders(1)



Between Series Adapters(1)



In-Series Adapters(11)



Rack & Panel Ferrules & Inserts(1)




RF Cable Assemblies(2)




RF Connector Hardware(2)



RF Connector Launchers(8)



RF Connector Shrouds(3)




RF Plugs & Jacks(297)




RF Terminators(1)

Customers Also Bought







TE Part #3-1416100-3
ST3P3SM5




TE Part #2027395-3
T9SV1K15-12S




TE Part #34143
PG R 22-16 COMM 22-18 MIL 4




TE Part #3-1879214-5
CPF 0402 732R 0.1% 25PPM 1K RL




TE Part #1623927-8
CFR16 5% 120R




TE Part #1-178802-8
DYNAMIC D-3 TAB HSG 10P




TE Part #182655-1
17 SIZE CPC STD CLAMP



TE Part #CQ50483001
RAY-101-7.5(10)



TE Part #1-1337477-0
SMB Str Jk Hex 50Ohm Gold Pltd
RG174A/U,



TE Part #1-1337552-0
FME Str Jk Hex Nickel Pltd RG58C/U,
141A

Documents

Product Drawings
SMA STR PLG C/CRMP RG58 GSS

English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1-1478915-0_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1-1478915-0_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1-1478915-0_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications



Economy RF Coaxial Connectors

English

Product Specification

English