



Connectors > RF Connectors > Coax Connectors



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 22A, KX 3B, RG 174A, RG 188A, RG 316, URM 95**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector Seal & Plug Type	Gasket
RF Interface	SMA
RF Connector Style	Plug
Compatible With RF Cable Type	KX 22A, KX 3B, RG 174A, RG 188A, RG 316, URM 95
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	Right Angle
Body Material	Stainless Steel
Body Material Finish	Plated



Body Plating Material	Gold
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Contact Features

RF Connector Center Contact Underplating Material	Copper
RF Connector Contact Configuration	Not Captivated
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Brass

Termination Features

Termination Method to Wire & Cable	Solder & Clamp
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Mechanical Attachment

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

Dimensions

Product Length	16.7 mm[.657 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
Gasket Material	Silicone Rubber
Grade	Professional
Dielectric Material	PTFE

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (4.75% 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	Wave solder capable to 265°C

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

 <p>TE Part # 1052422-1 2052 0000 02,SMA FM JACK RECPT</p>	 <p>TE Part # 1-1478963-0 SMA PNL SKT RCPT, 2/FLNG GSS</p>	 <p>TE Part # 1-1478979-0 SMA STR PCB SKT GSS</p>	 <p>TE Part # 1052552-1 2052 1352 02,SMA FM JACK RECPT</p>
 <p>TE Part # 1-1478966-0 SMA B/HD SKT RCPT GSS</p>	 <p>TE Part # 1060469-1 5164 5011 09</p>	 <p>TE Part # 1-1478968-0 SMA PNL SKT LNCH STUB 4/FLNG GSS NCC</p>	 <p>TE Part # 1052978-1 2054 1201 02</p>



Also in the Series

SMA

Battery Holders(1)

Coax Connectors(65)

Connector Adapters & Connector Savers(8)

Connector Caps & Covers(3)

Connector Hardware(2)

Connector Strain Relief(1)

RF Cable Assemblies(2)

Customers Also Bought

TE Part #5352152-4
HM Receptacle Connector: Traditional Backplane, Coplanar, 2mm

TE Part #1-1462038-7
IM07NS=IM RELAY 200mW 24V

TE Part #8-1624112-1
3650 0603 36nH 5% 2K RL

TE Part #3-1879456-7
TE 2000W 1K0 5% Bracket

TE Part #YDTS20W11-05PNV001
RECP ASSY

TE Part #2857553006
44A0111-26-5

TE Part #2857563006
44A0111-26-6

TE Part #5-1768017-9
EET-0623P-9

Documents

Product Drawings

SMA R/A PLG S/CLMP RG174 GSS

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-1478912-0_B.2d_dxf.zip

1-1478912-0

SMA RF Interface, Plug, 50 ohm, KX 3B / RG 174A / RG 316, Threaded, 26 GHz
Operating Frequency, Cable-to-Cable, 1 Position, Sealable, SMA



English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-1478912-0_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1478912-0_B.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English