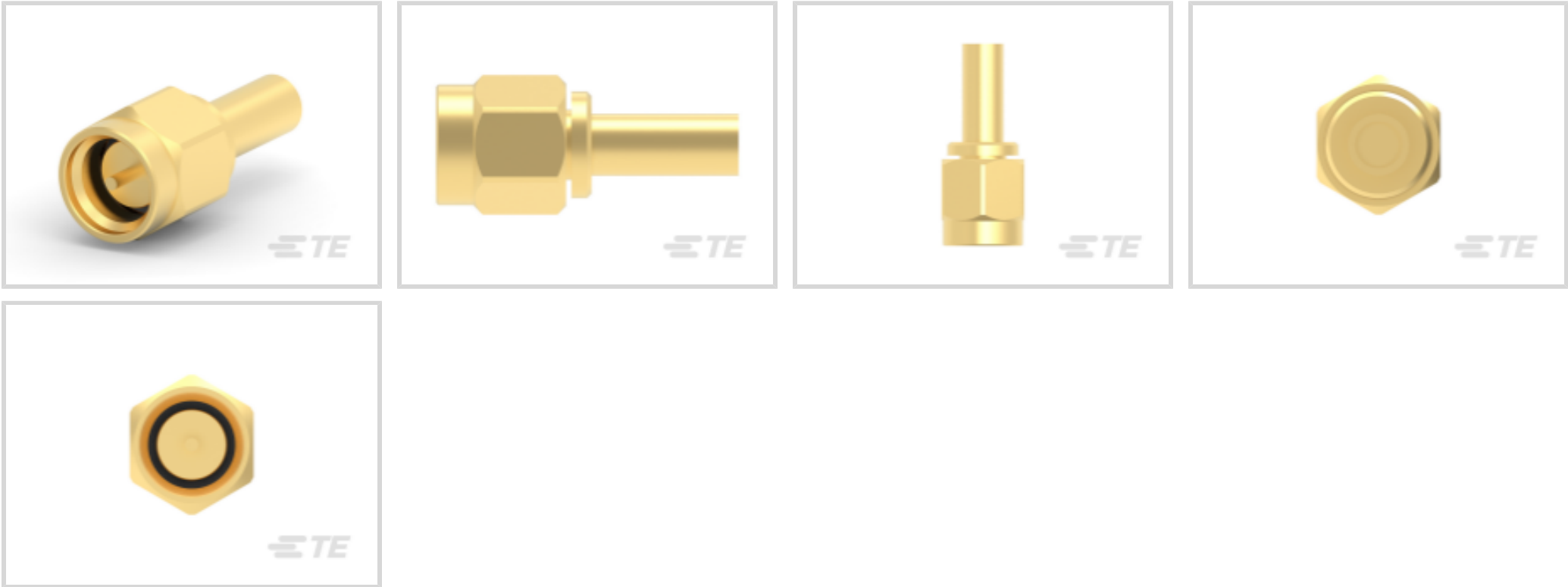




Connectors > RF Connectors > Coax Connectors



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**

Features

Product Type Features

Connector Seal & Plug Type	Gasket
Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Plug
Compatible With RF Cable Type	KX 22A, KX 3B
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

Ferrule Plating Material	Gold
Crimp Type	Hexagonal Crimping
RF Connector Contact Configuration	Not Captivated
RF Connector Center Contact Underplating Material	Copper
Ferrule Material	Brass
RF Connector Center Contact Plating Material	Gold (Au)
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	15.05 mm[.593 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	Bag

Other

Coupling Nut Plating Material	Gold
Gasket Material	Silicone Rubber



Grade	Professional
Coupling Nut Base Material	Stainless Steel
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	Out of Scope
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 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (3.15% in 12597895051) 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

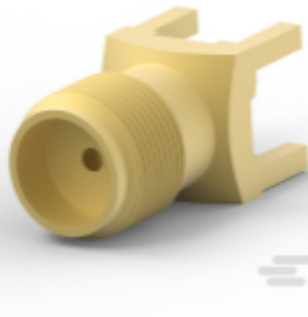
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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





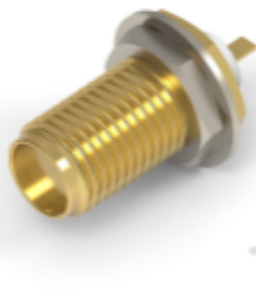
TE Part # 1-1478968-0
SMA PNL SKT LNCH STUB 4/FLNG
GSS NCC



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



TE Part # 1-1478963-0
SMA PNL SKT RCPT, 2/FLNG GSS



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



TE Part # 9-1478248-0
PRO-C HEX DIE RG174-RG178

Also in the Series | SMA



Battery Holders(1)



Connector Adapters & Connector
Savers(8)



Connector Caps & Covers(3)

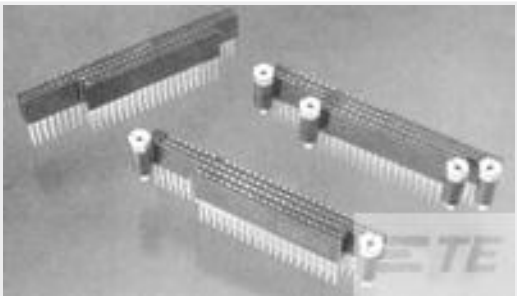


Connector Strain Relief(1)

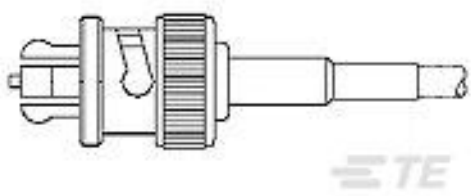


RF Cable Assemblies(2)

Customers Also Bought



TE Part #1375795-1
ASSY, 64/40 POS PC104



TE Part #5051426-4
SAFE HIGH VOLTAGE PLUG

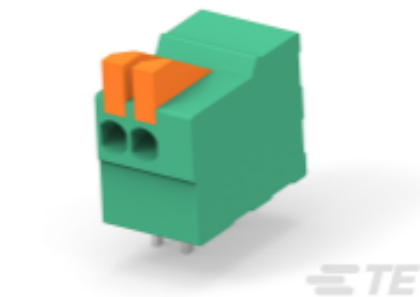


TE Part #6-2176611-3
EP 2W (SS) 390R 5%



TE Part #5-2176613-3
EP 4W (SS) 150R 5%





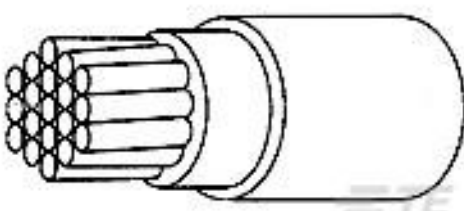
TE Part #1-2834016-2
2POS 2.54MM SES CONN.



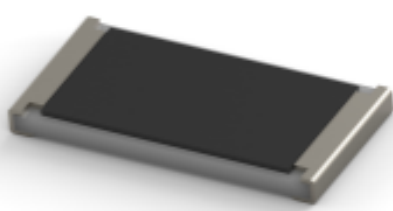
TE Part #T4111012051-000
M12 M, 5P GOLD A_CODE S
SHIELDED PG9



TE Part #103309-7
034 LOPRO HDR SP 30DP



TE Part #8334953001
100G0111-0.75-9



TE Part #CAT-C339-A76A
SMD Power Resistor: 2 Watt, 3521
Series

Documents

Product Drawings

SMA STR PLG C/CRMP RG174 GSS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1478916-0_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1478916-0_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1478916-0_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

1-1773725-8_RF_COAX_QRG

English

Product Specifications

Product Specification

English