



AMP SMA

TE Internal #: 1-1478968-0
RF Plugs & Jacks, SMA RF Interface, Jack, 50 Ω, Threaded, 26 GHz
Operating Frequency, Cable-to-Panel, 1 Position, Panel Mount,
AMP SMA

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Connectors > RF Connectors > RF Plugs & Jacks



RF Interface: **SMA**
RF Connector Style: **Jack**
RF Connector Mated Outer Diameter (Approximate): **6.35 mm [.25 in]**
Impedance: **50 Ω**
RF Connector Coupling Mechanism: **Threaded**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Jack
Connector System	Cable-to-Panel
Sealable	No

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



RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Wire & Cable	Solder Terminal
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Mechanical Attachment

Panel Attachment Style	Front Mount, Rear Mount
Panel Mount Feature Type	Flange
RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Solder
Detent	Without

Dimensions

Product Length	27.41 mm[1.079 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

RF Connector Comment	Non-Captivated Center Contact.
Number of Panel Mounting Holes	4
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
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: JUL 2021 (219)
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 Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free


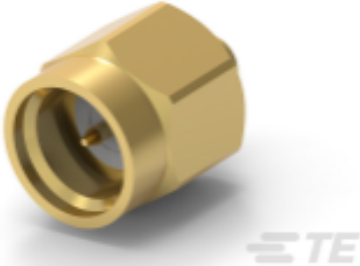






Solder Process Capability

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 # 1-1478916-0 SMA STR PLG C/CRMP RG174 GSS</p>	 <p>TE Part # 1-1478904-0 SMA STR PLG DS RG405 GSS</p>	 <p>TE Part # 1-1478923-0 SMA R/A PLG S/CRMP RG58 GSS</p>	 <p>TE Part # 1-1478924-0 SMA R/A PLG S/CRMP RG174 GSS</p>
 <p>TE Part # 1-1478903-0 SMA STR PLG DS RG402 GSS</p>	 <p>TE Part # 1-1478907-0 SMA STR PLG S/CLMP RG58 GSS</p>	 <p>TE Part # 1-1478908-0 SMA STR PLG S/CLMP RG174 GSS</p>	 <p>TE Part # 1-1478912-0 SMA R/A PLG S/CLMP RG174 GSS</p>





TE Part # 1-1478915-0
SMA STR PLG C/CRMP RG58 GSS



TE Part # 2-1478907-0
SMA STR PLG S/CLMP RG58 PSS



TE Part # 2-1478908-0
SMA STR PLG S/CLMP RG174 PSS



TE Part # 2-1478912-0
SMA R/A PLG S/CLMP RG174 PSS



TE Part # 2-1478921-0
SMA STR PLG M/CRMP RG55 PSS



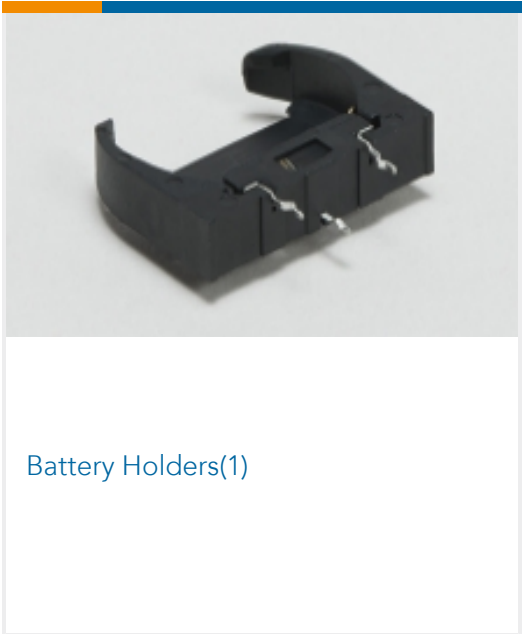
TE Part # 2-1478923-0
SMA R/A PLG S/CRMP RG58 PSS




TE Part # 2-1478922-0
SMA STR PLG M/CRMP RD316 PSS

Also in the Series

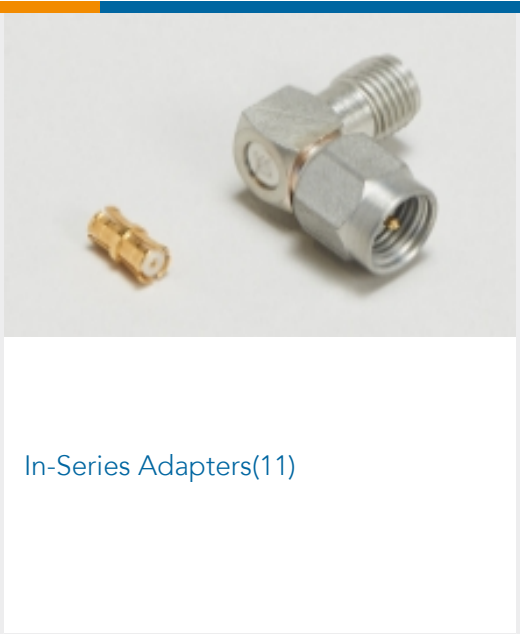
AMP SMA




Battery Holders(1)




Between Series Adapters(1)




In-Series Adapters(11)




Rack & Panel Ferrules & Inserts(1)




RF Cable Assemblies(2)



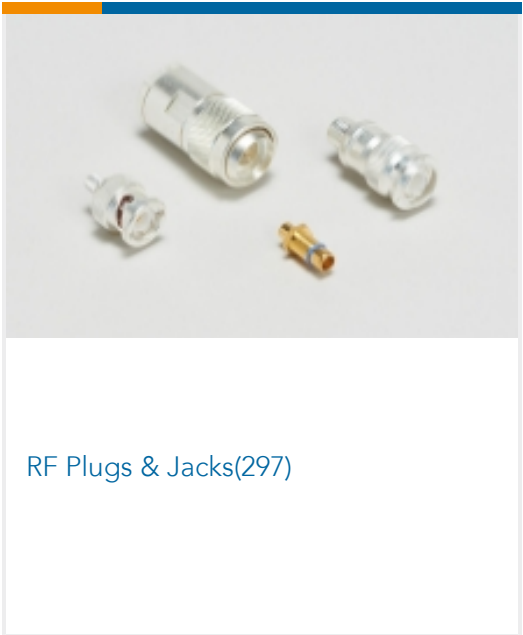
RF Connector Hardware(2)




RF Connector Launchers(8)



RF Connector Shrouds(3)








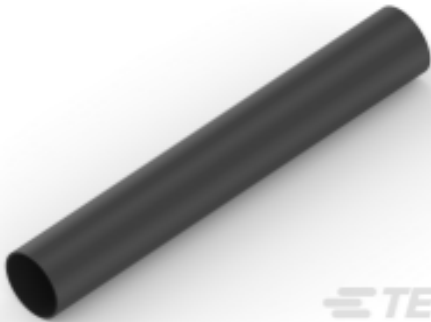

RF Plugs & Jacks(297)



RF Terminators(1)

Customers Also Bought



 <p>TE Part #1-1879073-0 THS10 1R0 5%</p>	 <p>TE Part #2-1879213-8 CPF 0402 49R9 0.1% 25PPM 1K RL</p>	 <p>TE Part #321890 TERMINAL,SOLIS R HT 22-16 8</p>	 <p>TE Part #1337803-3 50 OHM COAX N SERIES STR P</p>
 <p>TE Part #3580590013 TRSA-1019/C/1/8</p>	 <p>TE Part #NB07892001 HTAT-32/8-0-STK</p>	 <p>TE Part #NB08082001 HTAT-48/13-0-STK</p>	<p>TE Part #11016800-00 ESAR-DATA PACK</p>
<p>TE Part #GAG2K7D411LEVB ESAP-ESA PROBE-400601410</p>			

Documents

Product Drawings
SMA PNL SKT LNCH STUB 4/FLNG GSS NCC
English

Datasheets & Catalog Pages
1307191 RF Coax Products Catalog
English