

AMP SMA

TE Internal #: 1-1478907-0  
RF Plugs & Jacks, SMA RF Interface, Plug, 50 Ω, RG 141A / URM 43 / KX 15, 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, RG 76, URM 43**

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, RG 76, URM 43
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
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Brass

Termination Features

Termination Method to Wire & Cable	MIL-Clamp
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Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
Detent	Without

Dimensions

Product Length	20.5 mm[.807 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
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: 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.

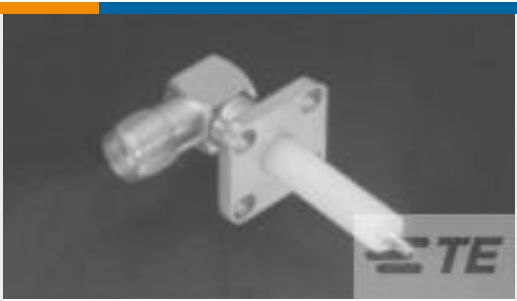
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

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 RCPT</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 # 1060469-1 5164 5011 09</p>
 <p>TE Part # 1-1478966-0 SMA B/HD SKT RCPT GSS</p>	 <p>TE Part # 1-1478968-0 SMA PNL SKT LNCH STUB 4/FLNG GSS NCC</p>	 <p>TE Part # 1-1478988-0 SMA B/HD JK DS RG405 GSS</p>	 <p>TE Part # 1052552-1 2052 1352 02,SMA FM JACK RCPT</p>



TE Part # 1052978-1  
2054 1201 02



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

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



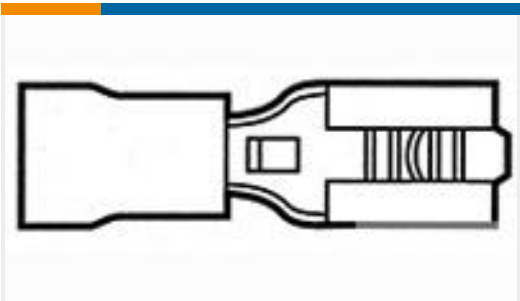
TE Part #DT04-6P-CE01  
REC, 6P, GRY, E, CAP



TE Part #1-967584-3  
4POS MQS TAB SEALED COD A



TE Part #1-332056-0  
FERRULE, SUB MIN



TE Part #9-160483-5  
187 PIDG FASTON REC





TE Part #160913-4  
FF 250 REC 2.5-4.0MM2 TPPB

TE Part #926973-1  
STD TIMER CONTACT

TE Part #160864-2  
FF 110 REC TERMINAL 20-17 AWG  
PTPB

TE Part #1-968857-2  
AMP MCP 2.8, CONTACT SWS  
PTPB

TE Part #100495-2  
250 FASTON,LIF REC.,16-20 AWG,  
TPBR

TE Part #963961-2  
FF 110 TAB 0.2-0.5MM2 .070 F PTP  
CUZN30

Documents

Product Drawings  
SMA STR PLG S/CLMP RG58 GSS  
English

Product Specifications  
Product Specification  
English