

AMP SMA

TE Internal #: 1052024-1

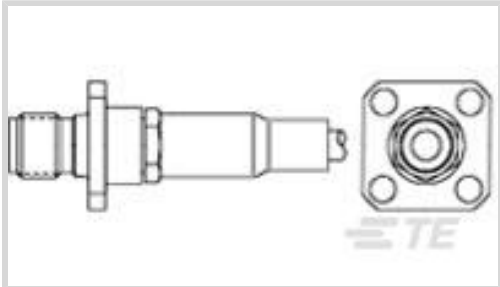
AMP SMA, RF Connectors, SMA RF Interface, Jack, RF Connector

Mated Outer Diameter (Approximate) .25 in [6.35 mm], 50 Ω

[View on TE.com >](#)



Connectors > RF Coax Connectors > RF Connectors



RF Interface: **SMA**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **6.35 mm [.25 in]**

Impedance: **50 Ω**

Compatible With RF Cable Type: **RG 316**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Jack
Compatible With RF Cable Type	RG 316
Connector System	Cable-to-Panel
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector Seal Type	Gasket

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	Passivated

Contact Features

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RF Connector Contact Configuration	Captivated Contacts
RF Connector Center Contact Crimp Setting	4
Crimp Type	Hex
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

Dimensions

Product Length	36.5 mm[1.437 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	3 GHz
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Packaging Features

Packaging Method	Package
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Other

Number of Panel Mounting Holes	4
Additional Features	Shrink Tubing
Dielectric Material	TFE Fluorocarbon

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: JAN 2021 (211) Candidate List Declared Against: JAN 2019 (197) SVHC > Threshold: Not Yet Reviewed
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 # 1051644-1 2031 5003 02	 TE Part # 1055070-1 2088 1230 02	 TE Part # 1054874-1 2084 1100 00	 TE Part # 1052566-1 2052 1618 02,SMA FM JACK RECPT
 TE Part # 1054426-1 2082 5133 02	 TE Part # 221790-1 JACK,RIGHT ANGLE,PCB,SMA	 TE Part # 1054868-1 2084 0000 00	 TE Part # 1053072-1 2056 0000 00





TE Part # 1053378-1
2064 0000 00



TE Part # 1056443-1
2831 7388 02



TE Part # 1052639-1
2052 3357 02



TE Part # 1052422-1
2052 0000 02,SMA FM JACK RECPT



TE Part # 1053354-1
2062 0000 00,SMA PCB VERT JACK



TE Part # 1054869-1
2084 0000 02



TE Part # 1051013-1
2004 7941 00



TE Part # 1051151-1
2007 7941 02,SMA RA CABLE PLUG



TE Part # 1052522-1
2052 1201 00,SMA FM JACK RECPT



TE Part # 1052523-1
2052 1201 02,SMA FM JACK RECPT



TE Part # 1052528-1
2052 1215 02,SMA FM JACK RECPT



TE Part # 1052533-1
2052 1300 00,SMA FM JACK RECPT

Also in the Series | AMP SMA



Battery Holders(1)



Between Series Adapters(3)



Coax Contacts(1)



Coax Terminators(1)



In-Series Adapters(35)



Rack & Panel Ferrules & Inserts(1)



RF Cable Assemblies(2)



RF Connector Hardware(2)



RF Connector Launchers(13)



RF Connector Shrouds(10)



RF Connectors(527)

Customers Also Bought



TE Part #1-1617542-0
JMACDG-12XL=M39016/15-091L



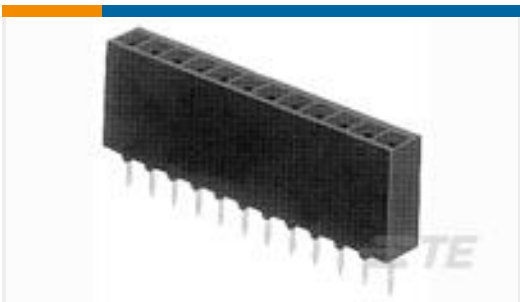
TE Part #646356-1
Hard Metric Male Connector:
Traditional Backplane, Mezzanine,
2mm



TE Part #YACT26MG35PCV00100
Straight Plug D38999, G35 Insert



TE Part #5054042013
RNF-100-3/32-VT-STK



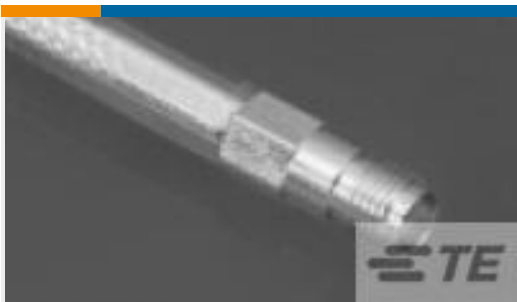
TE Part #1-87879-1
16 MODIV VRT SR OE 100/115



TE Part #1046236-1
SCD,1250 1156 00,SMA Cable Jack



TE Part #1051033-1
2004 8208 92



TE Part #1051869-1
2032 5026 02



TE Part #3-1532181-0
M83513/03-C14C, MCKS-C2-B-
21P6G9-72.0



TE Part #420111-000
9532A3314-9

Documents

Product Drawings

2036 5004 02

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1052024-1_B.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1052024-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1052024-1_B.3d_stp.zip](#)

English

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

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English