

2157248-1 ✓ ACTIVE

[AMP](#) | [AMP VITA 67](#)

TE Internal #: 2157248-1

RF Connectors, SMPM RF Interface, Plug, 50 Ω , .047 Semi-Rigid or Flex, Push-On, 26 GHz Operating Frequency, 1 Position, Panel Mount, AMP VITA 67

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RF Interface: **SMPM**

RF Connector Style: **Plug**

RF Connector Mated Outer Diameter (Approximate): **4.75 mm [.187 in]**

Impedance: **50 Ω**

Compatible With RF Cable Type: **.047 Semi-Rigid or Flex**

Features

Product Type Features

RF Interface	SMPM
RF Connector Style	Plug
Compatible With RF Cable Type	.047 Semi-Rigid or Flex

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	Beryllium Copper
Body Material Finish	Plated
Body Plating Material	Gold

Contact Features

RF Connector Center Contact Underplating Material	Copper, Nickel
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

Termination Features



Termination Method to Wire & Cable	Solder
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Mechanical Attachment

Detent Type	Smooth Bore
RF Connector Coupling Mechanism	Push-On
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	With

Dimensions

RF Connector Mated Outer Diameter (Approximate)	4.75 mm[.187 in]
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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 Method	Package
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Other

Additional Features	VITA 67
Dielectric Material	PTFE

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 (.6% in metal alloy) 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 # 2332676-1
SMPM CABLE JACK VITA 67-3 SNAP .086




TE Part # 2332676-2
SMPM CABLE JACK VITA 67-3 SNAP 047

TE Part # 2332684-2
SMPM CABLE JACK SNAP-IN DAUGHTER 047

Also in the Series | AMP VITA 67



PCB RF Modules(13)



RF Connectors(4)

Documents

Product Drawings
SMPM STR CABLE PLUG
English

CAD Files
3D PDF
3D

Customer View Model
ENG_CVM_CVM_2157248-1_A_c-2157248-1-a.2d_dxf.zip
English



Customer View Model

[ENG_CVM_CVM_2157248-1_A_c-2157248-1-a.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2157248-1_A_c-2157248-1-a.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SOSA Aligned Interconnect Solutions](#)

English

[Products for Aerospace and Defense](#)

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Instruction Sheets

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

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