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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Connectors > RF Coax Connectors > RF Connectors



RF Interface: **SMPM**

RF Connector Style: Plug

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

Impedance: 50Ω

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

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Impedance	50 Ω	

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
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]
Usage Conditions	
Operating Temperature Range	-65 – 165 °C[-85 – 329 °F]
Operation/Application	
Operating Frequency	26 GHz
Packaging Features	
Packaging Method	Package
Other	
Additional Features	VITA 67
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 (.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

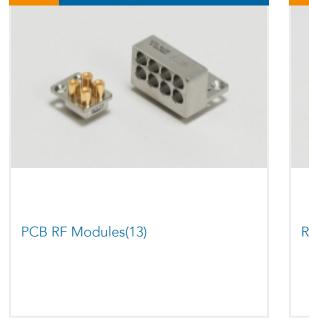
Compatible Parts

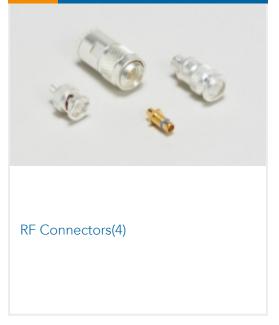






Also in the Series | AMP VITA 67





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

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