

AMP SMA

TE Internal #: 2221752-1

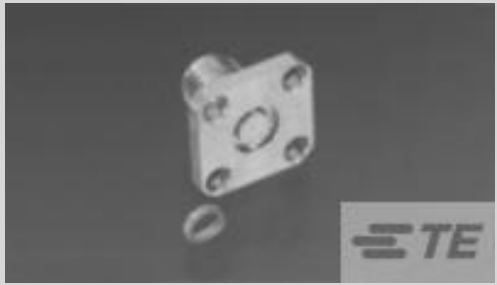
AMP SMA, RF Connector Launchers, SMA, Cable-to-Board, 1

Position, Sealable, Printed Circuit Board, Product Length 9.53 mm [.375 in], Signal

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Connectors > RF & Coax Connectors > RF & Coax Accessories > RF Connector Launchers



RF Connector Type: **SMA**
Connector System: **Cable-to-Board**
Number of Positions: **1**
Sealable: **Yes**
Connector & Contact Terminates To: **Printed Circuit Board**

Features

Product Type Features

RF Connector Type	SMA
Connector System	Cable-to-Board
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	1

Electrical Characteristics

Insulation Resistance	10000 MΩ
Impedance	50 Ω

Signal Characteristics

Frequency	18 GHz
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Body Features

Body Plating Finish	Passivated
Body Material	Stainless Steel

Contact Features

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



Mechanical Attachment

Panel Attachment Style	Front Mount
Connector Mounting Type	Bulkhead, Panel Mount
Panel Mount Feature	Yes
Panel Mount Feature Type	Flange with Mounting Holes

Dimensions

Pin Diameter Accepted	.46 mm[.018 in]
Product Length	9.53 mm[.375 in]

Usage Conditions

Operating Temperature Range	-65 – 165 °C[-85 – 329 °F]
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Operation/Application

Circuit Application	Signal
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Other

Number of Panel Mounting Holes	4
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: JUN 2020 (209) Candidate List Declared Against: JAN 2019 (197) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

TE Model / Part # 1051797-1
2031 8112 92

Also in the Series | AMP SMA

Battery Holders(1)	Between Series Adapters(4)	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(528)	



Customers Also Bought

Documents

- Product Drawings

SMA Flange Mount Jack 2052-3375-02

English
- CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2221752-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2221752-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2221752-1_A.3d_stp.zip

English

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