# 1408337-1 PENDING OBSOLESCENCE

#### **AMP SMA**

TE Internal #: 1408337-1

TE Internal Description: QMA RIGHT ANGLE PWB JACK

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Connectors > RF Coax Connectors > RF Connectors



RF Interface: QMA

RF Connector Style: **Jack** 

RF Connector Mated Outer Diameter (Approximate): 7.62 mm [.3 in]

Impedance:  $50 \Omega$ 

RF Connector Coupling Mechanism: Latching Quick Lock

## **Features**

### **Product Type Features**

Connector Product Type	Connector Assembly
RF Interface	QMA
RF Connector Style	Jack
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

### **Configuration Features**

PCB Mount Orientation	Right Angle
Number of Positions	1
Number of Coaxial Contacts	1

#### **Electrical Characteristics**

Impedance	50 Ω

## **Body Features**

Body Material	Brass	
Body Plating Material	Gold	

#### **Contact Features**

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



#### **Termination Features**

Termination Post & Tail Length	4.1 mm[.161 in]
Termination Method to Printed Circuit Board	Through Hole - Solder
Mechanical Attachment	

RF Connector Coupling Mechanism	Latching Quick Lock
Connector Mounting Type	Board Mount
RF Contact Captivation Method	Mechanical
Detent	Without

#### **Dimensions**

Profile Height from PCB	9.5 mm[.374 in]
Product Length	13.6 mm[.535 in]
RF Connector Mated Outer Diameter (Approximate)	7.62 mm[.3 in]

## **Usage Conditions**

Operating Temperature Range -40 – 80 °C[-40 – 176 °F]	
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## Operation/Application

	/ СП-
Operating Frequency	6 GHz

## Packaging Features

## Other

Dielectric Material	PTFE
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# **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: JUL 2021 (219)  SVHC > Threshold:  Pb (3.7% 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

Low Bromine/Chlorine - Br and Cl < 900

ppm per homogenous material. Also BFR

/CFR/PVC Free

Solder Process Capability

Pin-in-Paste capable to 260°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







## Also in the Series | AMP SMA







Between Series Adapters(1)



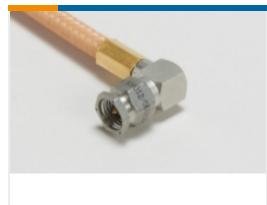
Coax Terminators(1)



In-Series Adapters(11)



Rack & Panel Ferrules & Inserts(1)



RF Cable Assemblies(2)

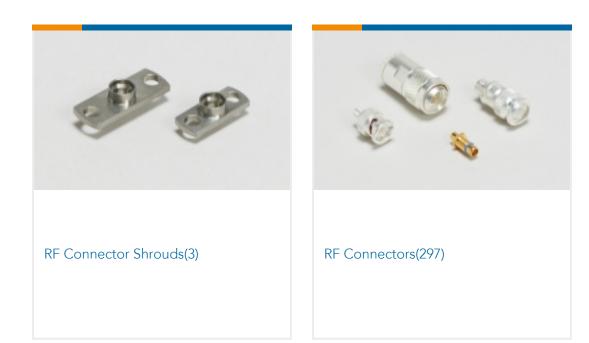


RF Connector Hardware(2)



RF Connector Launchers(8)





### **Documents**

## **Product Drawings**

QMA RIGHT ANGLE PWB JACK

English

#### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_1408337-1\_B.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1408337-1\_B.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1408337-1\_B.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

## Datasheets & Catalog Pages

**QMA Connectors** 

English

1-1773725-8\_RF\_COAX\_QRG

English

## **Product Specifications**

**Product Specification** 

English