1408332-1 ✔ ACTIVE

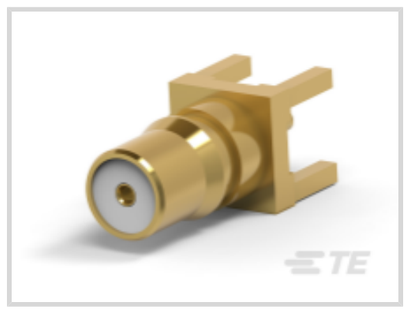
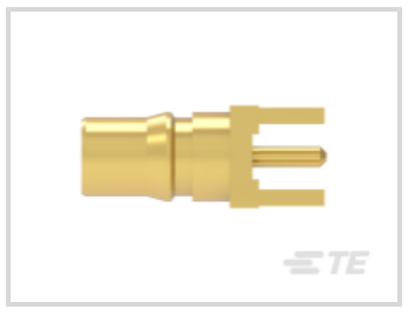
AMP SMA

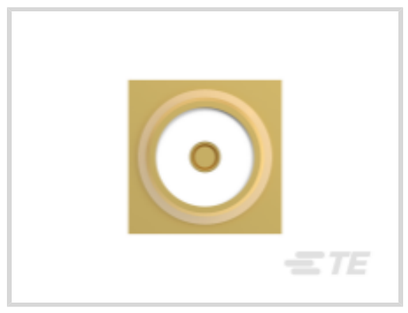
TE Internal #: 1408332-1

AMP SMA, RF Connectors, QMA RF Interface, Jack, RF Connector Mated Outer Diameter (Approximate) .3 in [7.62 mm], 50 Ω, Latching Quick Lock

View on TE.com >

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 Ω**

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

Number of Positions	1
PCB Mount Orientation	Vertical
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 Method to Printed Circuit Board	Through Hole - Solder
Termination Post & Tail Length	4.1 mm[.161 in]

Mechanical Attachment

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

Dimensions

Product Length	15.1 mm[.594 in]
RF Connector Mated Outer Diameter (Approximate)	7.62 mm[.3 in]
Height Above PC Board	11 mm[.433 in]

Usage Conditions

Operating Temperature Range	-40 – 80 °C[-40 – 176 °F]

Operation/Application

Operating Frequency	6 GHz

Packaging Features

Packaging Method	Bag

Other

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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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

TE Part # 1408333-7
QMA STR CABLE PLUG, RG58

TE Part # 1408333-1
QMA STRAIGHT CABLE PLUG, RG316

TE Part # 1408336-1
QMA RIGHT ANGLE CABLE PLUG, RG

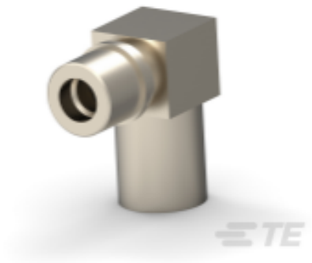
TE Part # 1408336-7
QMA RIGHT ANGLE PLUG, RG 58

TE Part # 1408346-1
QMA STRAIGHT CABLE PLUG, .141

TE Part # 1408347-1
QMA RT ANGLE CABLE PLUG, .141

TE Part # 1408333-3
QMA STRAIGHT CABLE PLUG, RD316

TE Part # 1408336-3
QMA RIGHT ANGLE PLUG RD316



TE Part # 1-1408336-0
QMA RA PLUG, MA318PL

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)

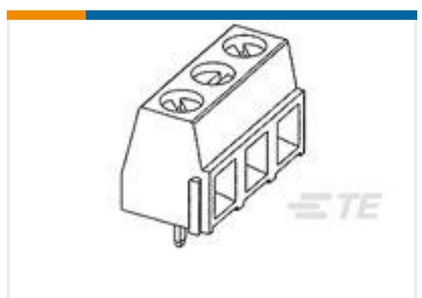
RF Connector Shrouds(10)

RF Connectors(527)

Customers Also Bought

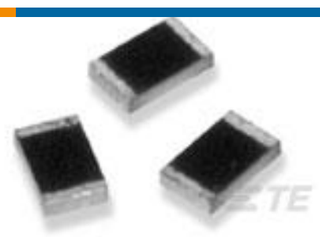
TE Part #1-5499913-0
AMP-LATCH UNIVERSAL HEADERS

TE Part #1-1761686-5
IDC LOW PRO HDR 50P VERT LG LAT



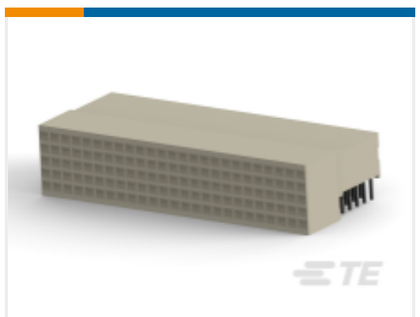
TE Part #1-282837-2
TERMI-BLOK PCB MOUNT 12P.5

TE Part #1408333-1
QMA STRAIGHT CABLE PLUG, RG316



TE Part #1-1879281-0
RP 2A 332K 0.1% 15PPM CUT LENGTH

TE Part #YDTS26F23-35SNV001
D38999: Straight Plug, 23-35 Insert



TE Part #100147-1
HM Receptacle Connector: Traditional Backplane, Coplanar, 2mm

TE Part #1408337-1
QMA RIGHT ANGLE PWB JACK

TE Part #104482-9
20 SHORT PT RCPT HSG DR .100CL

Documents

Product Drawings

QMA STRAIGHT PWB JACK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1408332-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1408332-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1408332-1_B.3d_stp.zip

English

Datasheets & Catalog Pages

QMA Connectors

English

Product Specifications

Product Specification

English