228435-1 × OBSOLETE

TE Internal #: 228435-1

TE Internal Description: CONN COMML SMB RT ANGLE PCB

SMB Connector: Jack, Right-Angle Mount, Mated Outer Dia. 4.75 mm

View on TE.com >

Connectors > RF Connectors > Coax Connectors > SMB Connector: Jack, Right-Angle Mount, Mated Outer Dia. 4.75mm



RF Interface: **SMB**

RF Connector Style: **Jack**

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

Impedance: **50 Ω**

RF Connector Coupling Mechanism: **Snap-Fit**

All SMB Connector: Jack, Right-Angle Mount, Mated Outer Dia. 4.75mm (6)

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMB
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 Underplating Material	Nickel
Body Material	Brass
Body Plating Material	Tin

Contact Features

RF Connector Center Contact Underplating Material	Nickel
RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Brass

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.94 mm[.155 in]

Mechanical Attachment

RF Connector Coupling Mechanism	Snap-Fit
Connector Mounting Type	Board Mount
RF Contact Captivation Method	Mechanical
Detent	Without

Dimensions

Profile Height from PCB	9.78 mm[.385 in]
RF Connector Mated Outer Diameter (Approximate)	4.75 mm[.187 in]

Operation/Application

Operating Frequency Range	4 GHz

Packaging Features

Packaging Method	Carton

Other

Grade	Commercial
Dielectric Material	Polypropylene (PP)

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 2025 (250) 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 Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

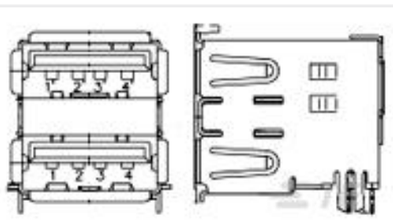
Product Compliance Disclaimer

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

Customers Also Bought



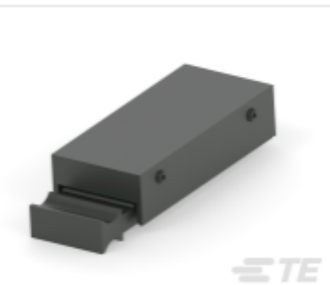
TE Part #102159-1
010 UNIV HDR RA 4S 15DP STD



TE Part #1-1734510-1
MINI USB, TYPE B, R/A, T/H



TE Part #2018855-1
ASSY, SEATING TL, 4 ROW, 8 COL

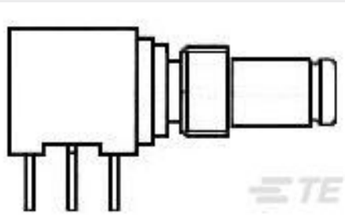


TE Part #2215037-1
ASSY, SEATING TOOL, QUADRA

TE Part #2293574-1
CAGE ASSY, QSFP28 1X1, SPRING, HS, LP



TE Part #5787885-1
200 CMP DCK RA PLG INV SHL 3.4



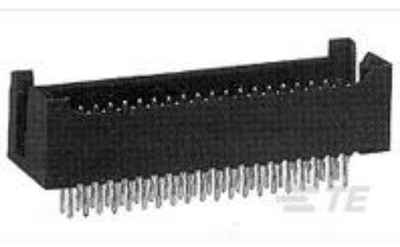
TE Part #1460060-1
1.0/2.3 R/A PCB JACK, 50 OHM



TE Part #1-535598-7
34 MODIV VRT DR CE RCPT ASSY



TE Part #2132615-2
IMP100O,HMP,V4P8C,UG,DEW39,5.5



TE Part #6-534978-0
72 MODII 2PC HDR DR W/HLDWN, ROHS

Documents

Product Drawings

CONN COMML SMB RT ANGLE PCB

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_228435-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_228435-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_228435-1_C.3d_stp.zip

English

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

Product Specifications

English

QUALIFICATION TEST REPORT, COMMERCIAL SMB SERIES COAXIAL JACK PRINTED CIRCUIT BOARD MOUNTED

English

Japanese

Instruction Sheets

Instruction Sheet (U.S.)

English

AMP* SMB MIL-TYPE 50-OHM AND 50- AND 75-OHM COMMERCIAL PRINTED CIRCUIT

English

Agency Approvals

UL Report

English