1059345-1 × OBSOLETE

OSP/BMA Miniature Modular

TE Internal #: 1059345-1

TE Internal Description: 4451 5002 36,OSP PANEL PLUG

View on TE.com >

Connectors > RF Connectors > Coax Connectors



RF Interface: **OSP/BMA**

RF Connector Style: **Plug**

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

Impedance: **50 Ω**

RF Connector Coupling Mechanism: **Push-On**

Features

Product Type Features

Connector Seal & Plug Type	O-Ring
RF Interface	OSP/BMA
RF Connector Style	Plug
Connector System	Cable-to-Panel
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω

Body Features

Body Material	Brass
Body Material Finish	Plated
Body Plating Material	White Bronze

Contact Features

RF Connector Center Contact Underplating Material	Copper
RF Connector Center Contact Plating Material	Gold (Au)

RF Connector Center Contact Material	Beryllium Copper

Mechanical Attachment

Panel Mount Feature Type	Flange
Panel Attachment Style	Front Mount
RF Connector Coupling Mechanism	Push-On
Connector Mounting Type	Panel Mount
Detent	Without

Dimensions

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

Operation/Application

Operating Frequency Range	6 GHz

Packaging Features

Packaging Method	Package

Other

Number of Panel Mounting Holes	2
Dielectric Material	TFE Fluorocarbon

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: JAN 2022 (223) SVHC > Threshold: Pb (.6% in Component) **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	Not Yet Reviewed for halogen content
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

Also in the Series | OSP/BMA Miniature Modular

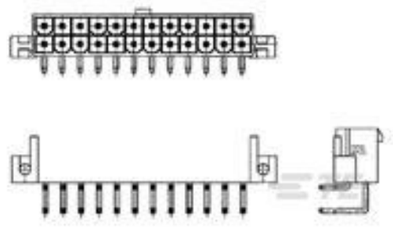


Coax Connectors(12)

Customers Also Bought



TE Part #U5354-000002-014BA
PRESS XDCR U5354-000002-014BA



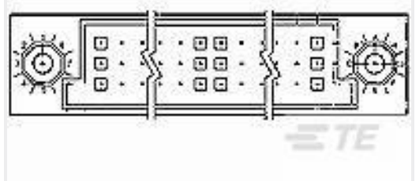
TE Part #1-1586044-2
12P VAL-U-LOK R/A HDR SCRMT V0



TE Part #8-1971798-1
NEW GI CONN2.5 HDR ASMBLY 8P NC D1.0



TE Part #5353184-8
.6FHP04H,100,S,GIG,08/Sn,TR,NSYes



TE Part #5532447-1
ASSY,PIN,VERTICAL,HDI,LEAD-FRE



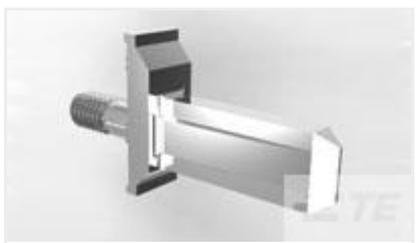
TE Part #2267072-3
PMD9P1B10M6RE



TE Part #2143330-1
1X6 QSFP Kit Assy Bhnd Bzl,PCI



TE Part #1059563-1
4551 1201 02



TE Part #1-1410710-3
MULTIGIG RT BP GUIDE PIN 11.60



TE Part #2-103167-2
50 MODII HDR DRRA SHRD .100CL

Documents

Product Drawings

4451 5002 36,OSP PANEL PLUG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1059345-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1059345-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1059345-1_C.3d_stp.zip

English

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

Datasheets & Catalog Pages

Blind Mate Connectors

English