# 1059599-1 × OBSOLETE

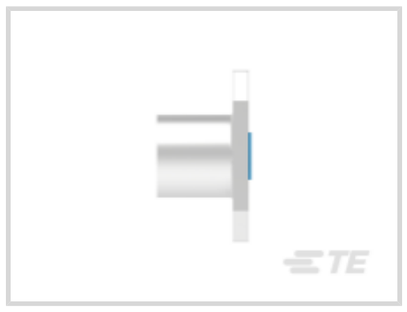
OSP/BMA Miniature Modular

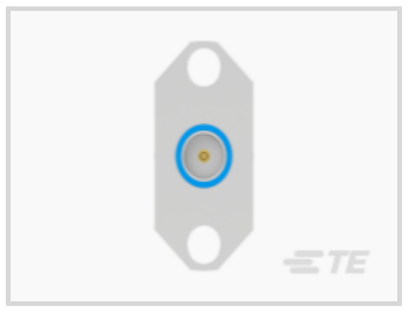
TE Internal #: 1059599-1

TE Internal Description: 4552 3356 02

View on TE.com >

Connectors > RF Connectors > Coax Connectors




RF Interface: **OSP/BMA**

RF Connector Style: **Jack**

Impedance: **50 Ω**

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

Operating Frequency Range: **22 GHz**

## Features

### Product Type Features

| | |
|---|---|
| RF Interface | OSP/BMA |
| RF Connector Style | Jack |
| Connector System | Cable-to-Board |
| Sealable | No |
| 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 | Stainless Steel |
| Body Material Finish | Passivated |

### Contact Features

| | |
|---|---|
| RF Connector Center Contact Plating Material | Gold (Au) |
| RF Connector Center Contact Material | Beryllium Copper |

### Termination Features

| | |
|---|---|
| Termination Method to PCB | Surface Mount |

### Mechanical Attachment

| | |
|---|---|
| RF Connector Coupling Mechanism | Push-On |
| Connector Mounting Type | Panel Mount |
| RF Contact Captivation Method | Mechanical |
| Detent | With |

### Dimensions

| | |
|---|---|
| Profile Height from PCB | 9.5 mm[.375 in] |

### Operation/Application

| | |
|---|---|
| Operating Frequency Range | 22 GHz |

### Packaging Features

| | |
|---|---|
| Packaging Method | Bag |

### Other

| | |
|---|---|
| Dielectric Material | Polytetrafluoroethylene (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: JUNE 2025 (250)<br>Candidate List Declared Against: JUL 2021 (219)<br>SVHC > Threshold:<br>Pb (.6% in Component Part)<br>**Article Safe Usage Statements:**<br>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

## Also in the Series | OSP/BMA Miniature Modular



Coax Connectors(12)

## Customers Also Bought



TE Part #1410140-1
MULTIGIG RT T2 .8" BP FULL CNT



TE Part #1410142-1
MULTIGIG RT T2 .8" BP FULL RGH



TE Part #1410186-1
MULTIGIG RT T2 .8" BP H-LFT

## Documents

### Product Drawings

4552 3356 02

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1059599-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1059599-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1059599-1_A.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

## Instruction Sheets

OSP Hermetic Jack Flange Mount Field Replaceable (Solder on Glass Seal) 1330729-1 and 1059599-1

English

Instruction Sheet (U.S.)

English