



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	Interfacial Seal
RF Interface	OSP/BMA
RF Connector Style	Plug
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
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Body Features

Body Material	Stainless Steel
Body Material Finish	Plated
Body Plating Material	Gold

Contact Features

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



RF Connector Center Contact Material	Beryllium Copper
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Termination Features

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

Mechanical Attachment

RF Connector Coupling Mechanism	Push-On
RF Contact Captivation Method	Mechanical

Dimensions

Profile Height from PCB	9.53 mm[.375 in]
RF Connector Mated Outer Diameter (Approximate)	7.62 mm[.3 in]

Usage Conditions

Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
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Operation/Application

Operating Frequency	22 GHz
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Packaging Features

Packaging Method	Package
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Other

Gasket Material	Fluorosilicone
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 2025 (247) Candidate List Declared Against: JAN 2024 (240) 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	Low Halogen - Br, Cl, F, I < 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>

Compatible Parts




TE Part # 1059412-1
[4504 7985 00](#)

Also in the Series | [OSP/BMA Miniature Modular](#)




[Coax Connectors\(8\)](#)

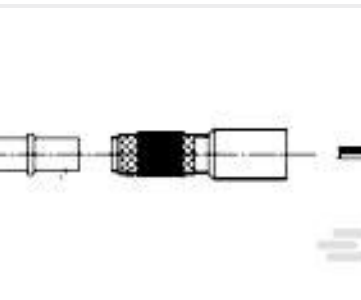
Customers Also Bought



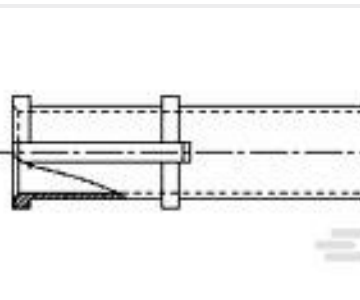
TE Part #1663572-1
[OSP/BMA VERTICAL PCB PLUG](#)



TE Part #1059684-1
[OSP/BMA PRINTED CIRCUIT BOARD PLUG RECPT](#)

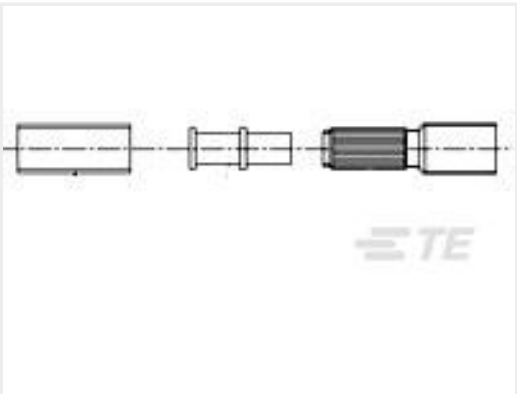


TE Part #730181-000
[HET-A-04C](#)

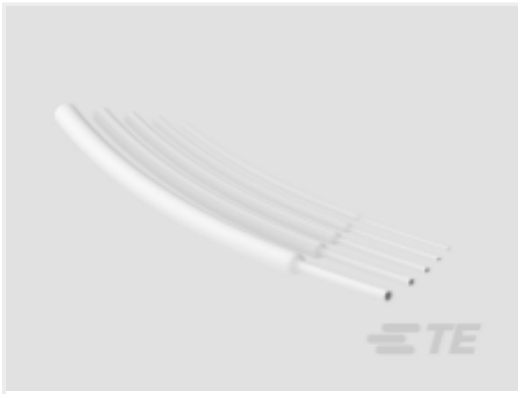


TE Part #688576-000
[HEX07-AC](#)





TE Part #598705-000
[HET-A-03C](#)



TE Part #NB19792001
[RNF-100-3/32-WH-STK](#)



TE Part #104068-6
[60 SYSTEM 50 HDR DRST SHRD](#)



TE Part #621055-000
[D-142-51](#)



TE Part #5499160-4
[A/L UNIV HDR 20P VERT SHT LAT](#)



TE Part #EC8133-000
[HS127WE1NF050B](#)

Documents

Product Drawings

[4565 0000 00](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1059691-1_L.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1059691-1_L.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1059691-1_L.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