## AMP | OSP/BMA Miniature Modular

TE Internal #: 1996085-1

OSP/BMA Connector, Plug, 50 ohm, Push-On, 18 GHz, 1 Position,

Panel Mount, -65 – 125 °C [-85 – 257 °F], Straight, OSP

/BMA Miniature Modular

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:  $50 \Omega$ 

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

# **Configuration Features**

Number of Positions	1	
Number of Coaxial Contacts	1	

# **Electrical Characteristics**

Impedance	50 Ω	

# **Body Features**

Cable Connector Orientation	Straight
Body Material	Stainless Steel
Body Material Finish	Passivated

#### **Contact Features**

RF Connector Center Contact Underplating Material	Nickel
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
RF Contact Captivation Method	Mechanical
Dimensions	
RF Connector Mated Outer Diameter (Approximate)	7.62 mm[.3 in]
Usage Conditions	
Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
Operation/Application	
Operating Frequency	18 GHz
Packaging Features	
Packaging Method	Package
Other	
Gasket Material	Fluorosilicone
Number of Panel Mounting Holes	2
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 2019 (197) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Wave solder capable to 265°C

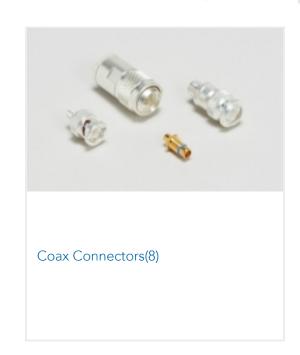
Product Compliance Disclaimer

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

# Also in the Series | OSP/BMA Miniature Modular



# **Customers Also Bought**





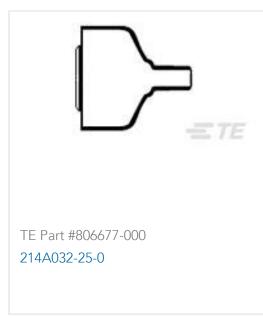


















# **Documents**

# **Product Drawings**

OSP/BMA 2 HOLE FLANGE MNT PLUG

English

#### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_1996085-1\_B\_c-1996085-1-b.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1996085-1\_B\_c-1996085-1-b.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1996085-1\_B\_c-1996085-1-b.3d\_stp.zip

English

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