

1058955-1 ✓ ACTIVE

OSSM | OSMM

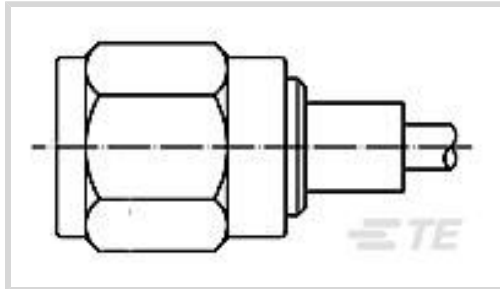
TE Internal #: 1058955-1

RF Connectors, OSMM RF Interface, Plug, 50  $\Omega$ , .047 Semi-Rigid, Threaded, 45 GHz Operating Frequency, 1 Position, -65 – 165 °C [-85 – 329 °F], OSMM

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Connectors > RF Coax Connectors > RF Connectors



RF Interface: **OSMM**

RF Connector Style: **Plug**

RF Connector Mated Outer Diameter (Approximate): **5.49 mm [ .216 in ]**

Impedance: **50  $\Omega$**

Compatible With RF Cable Type: **.047 Semi-Rigid**

## Features

### Product Type Features

Connector Seal Type	O-Ring
RF Interface	OSMM
RF Connector Style	Plug
Compatible With RF Cable Type	.047 Semi-Rigid

### Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

### Electrical Characteristics

Impedance	50 $\Omega$
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### Body Features

Cable Connector Orientation	Straight
Body Material	Stainless Steel
Body Material Finish	Plated
Body Plating Material	Gold

### Contact Features

RF Connector Center Contact Underplating Material	Copper, Nickel
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Brass



### Termination Features

Termination Method to Wire & Cable	Solder
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### Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
RF Contact Captivation Method	Solder

### Dimensions

RF Connector Mated Outer Diameter (Approximate)	5.49 mm [.216 in]
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### Usage Conditions

Operating Temperature Range	-65 – 165 °C [-85 – 329 °F]
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### Operation/Application

Operating Frequency	45 GHz
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### Packaging Features

Packaging Method	Package
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### Other

Coupling Nut Plating Material	Gold over Nickel
Gasket Material	Silicone Rubber
Coupling Nut Base Material	Stainless Steel
Dielectric Material	PTFE

### Product Compliance

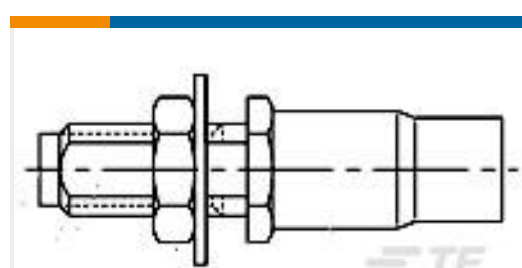
For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

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 2022 (224) Candidate List Declared Against: JAN 2019 (197) SVHC > Threshold: Pb (4% in Contact/Component) <b>Article Safe Usage Statements:</b> 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	Not applicable for solder process capability

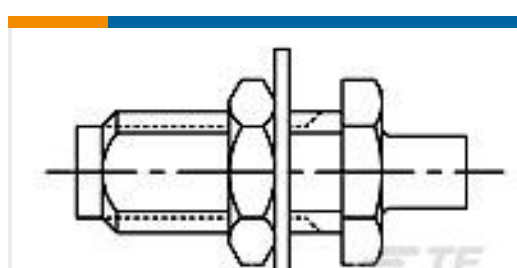
#### Product Compliance Disclaimer

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 # 1059060-1  
4034 7196 00, OSMM CABLE JACK



TE Part # 1058990-1  
OSMM STRAIGHT BLKHD CABLE  
4004 7947 00

## Also in the Series | OSMM



RF Connectors(5)

## Documents

### Product Drawings

4001 7947 00

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1058955-1\\_B\\_c-1058955-1-b.2d\\_dxf.zip](#)

English

Customer View Model



[ENG\\_CVM\\_CVM\\_1058955-1\\_B\\_c-1058955-1-b.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1058955-1\\_B\\_c-1058955-1-b.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Datasheets & Catalog Pages

[Products for Aerospace and Defense](#)

English

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### Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

[OSMM Straight Cable Plug Direct Solder Attachment 1058955-1](#)

English