

1059868-1 ✓ ACTIVE

AMP | AMP OSSP Subminiature Modular

TE Internal #: 1059868-1

RF Connectors, OSSP RF Interface, Jack, 50  $\Omega$ , RG 405 Semi-Rigid, Push-On, 28 GHz Operating Frequency, 1 Position, AMP OSSP Subminiature Modular

[View on TE.com >](#)



Connectors > RF Coax Connectors > RF Connectors



RF Interface: **OSSP**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **5.33 mm [ .21 in ]**

Impedance: **50  $\Omega$**

Compatible With RF Cable Type: **RG 405 Semi-Rigid**

## Features

### Product Type Features

RF Interface	OSSP
RF Connector Style	Jack
Compatible With RF Cable Type	RG 405 Semi-Rigid
Sealable	No
Connector & Contact Terminates To	Wire & Cable

### 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	Passivated
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	Beryllium Copper
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### Termination Features

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

Panel Attachment Style	Rear Mount
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Panel Mount Feature Type	Floating Flange
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RF Connector Coupling Mechanism	Push-On
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Connector Mounting Type	Panel Mount
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RF Contact Captivation Method	Epoxy
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### Dimensions

Panel Thickness (Recommended)	3.18 mm[.125 in]
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RF Connector Mated Outer Diameter (Approximate)	5.33 mm[.21 in]
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### Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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### Operation/Application

Operating Frequency	28 GHz
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### Packaging Features

Packaging Method	Package
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### Other

Dielectric Material	PTFE
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## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2022 (224)</p> <p>Candidate List Declared Against: JUL 2021 (219)</p> <p>SVHC &gt; Threshold:</p> <p>Pb (4% in Contact/Component)</p>
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#### 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

Not applicable for solder process capability

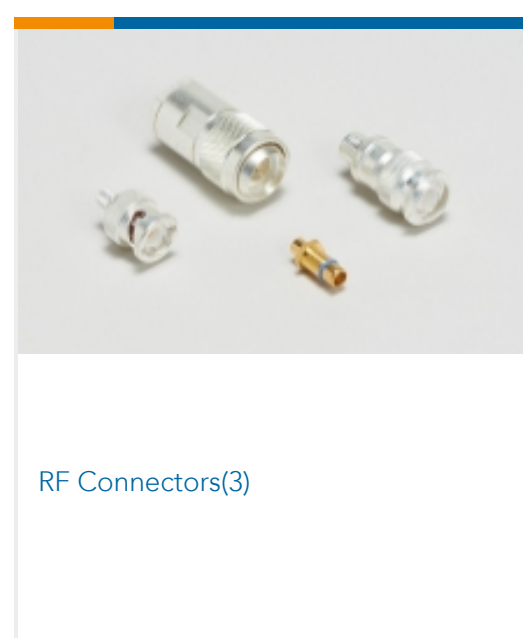
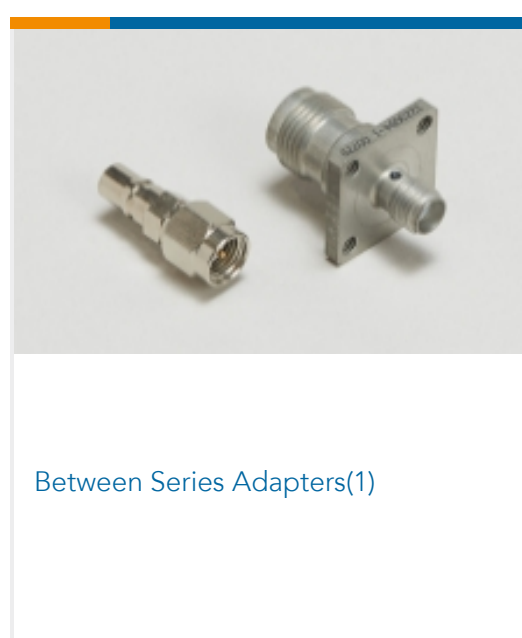
## Product Compliance Disclaimer

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



## Also in the Series | AMP OSSP Subminiature Modular



## Documents

## Product Drawings

4706 7985 02

English

## CAD Files

Customer View Model

ENG\_CVM\_1059868-1\_B.3d\_igs.zip

English



### Customer View Model

[ENG\\_CVM\\_1059868-1\\_B.3d\\_stp.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_1059868-1\\_B.2d\\_dxf.zip](#)

English

### 3D PDF

English

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

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## Datasheets & Catalog Pages

### Blind Mate Connectors

English

[1-1773725-8\\_RF\\_COAX\\_QRG](#)

English

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## Instruction Sheets

### Instruction Sheet (U.S.)

English

[OSSP Flange Mount Cable Jack Floating Rear Mount Direct Solder Attachment 1059868-1](#)

English