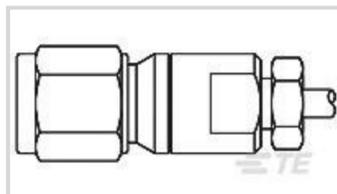




Connectors > RF Coax Connectors > RF Connectors



RF Interface: **OS 2.9**

RF Connector Style: **Plug**

Impedance: **50 Ω**

Compatible With RF Cable Type: **.085 Semi-Rigid**

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

## Features

### Product Type Features

Connector Seal Type	Gasket
RF Interface	OS 2.9
RF Connector Style	Plug
Compatible With RF Cable Type	.085 Semi-Rigid
Connector System	Cable-to-Cable
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

### Electrical Characteristics

Impedance	50 Ω
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### 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
RF Connector Center Contact Material	Beryllium Copper

### Termination Features

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

RF Connector Coupling Mechanism	Push-On
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RF Contact Captivation Method	Epoxy
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Detent	Without
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### Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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### Operation/Application

Operating Frequency	50 GHz
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### Packaging Features

Packaging Method	Package
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### Other

Coupling Nut Base Material	Stainless Steel
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Dielectric Material	TFE Fluorocarbon
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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 (.6% in Component Part)</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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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Solder Process Capability	Not applicable for solder process capability
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#### 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>

## Documents

### Product Drawings

[8501 7885 02](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1063291-1\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1063291-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1063291-1\\_A.3d\\_stp.zip](#)

English

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

### Instruction Sheets

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

English

[OS-50 Straight Cable Connectors Solder Clamp Attachment 1063291-1, 1083944-1, 1063296-1, 1313687-1, and 1063298-1](#)

English