

# CON24001-VIA-1 ✓ ACTIVE

TE Internal #: CON24001-VIA-1

2.4mm Series RF Interface, Jack, 50  $\Omega$ , Threaded, 50 GHz Operating Frequency, Cable-to-Board, 1 Position, Printed Circuit Board, Board Mount

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Connectors > RF Connectors > Coax Connectors



RF Interface: **2.4mm Series**

RF Connector Style: **Jack**

Impedance: **50  $\Omega$**

RF Connector Coupling Mechanism: **Threaded**

Operating Frequency: **50 GHz**

## Features

### Product Type Features

Connector Product Type	Connector Assembly
RF Interface	2.4mm Series
RF Connector Style	Jack
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

### Electrical Characteristics

Impedance	50 $\Omega$
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### Body Features

Body Material	Stainless Steel
Body Material Finish	Passivated

### Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Board Mount



**Operation/Application**

Operating Frequency	50 GHz
Circuit Application	Signal

**Other**

Dielectric Material	Polyetherimide (PEI)
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**Product Compliance**

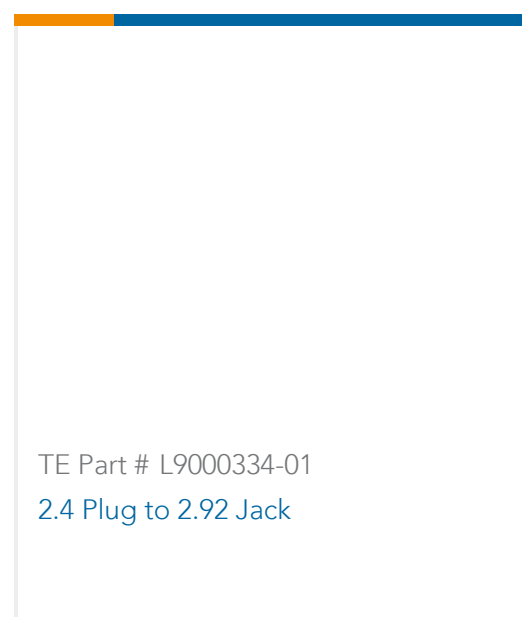
[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed
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 2023 (235) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed 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 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.

**Compatible Parts**



## Documents

### Product Drawings

[2.4 mm Jack 50 Ohm PCB Surface Mount](#)

English

### Datasheets & Catalog Pages

[2.4 mm Jack PCB Compression Surface-Mount Connector](#)

English