



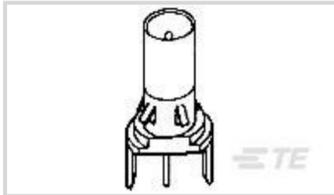
COAXICON

TE Internal #: 227603-1

Coax Contacts, Cable-to-Board / Board-to-Board, 1 Position, Printed Circuit Board, Vertical, Socket, Straight, Gold, 1 A, Power & Signal, Board Mount

[View on TE.com >](#)

Connectors > RF Coax Connectors > Coax Contacts



Connector System: **Board-to-Board, Cable-to-Board**

Number of Positions: **1**

Connector & Contact Terminates To: **Printed Circuit Board**

PCB Mount Orientation: **Vertical**

Contact Type: **Socket**

Features

Product Type Features

Connector System	Board-to-Board, Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	1
PCB Mount Orientation	Vertical

Electrical Characteristics

Impedance Options	Fixed
Impedance	50 Ω

Body Features

Outer Shell Material	Brass
Outer Shell Plating Material	Gold

Contact Features

	30 μin
RF Connector Center Contact Material	Brass
Contact Type	Socket
Contact Orientation	Straight
RF Connector Center Contact Plating Material	Gold
Contact Mating Retention	Without



Contact Current Rating (Max)	1 A
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Dimensions

PCB Thickness (Recommended)	3.18 mm [.125 in]
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Usage Conditions

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

Circuit Application	Power & Signal
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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) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Pb (3.7% in component part)</p> <p>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.</p>
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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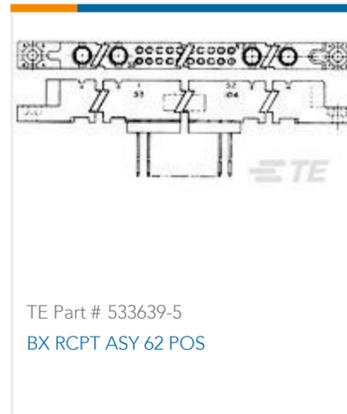
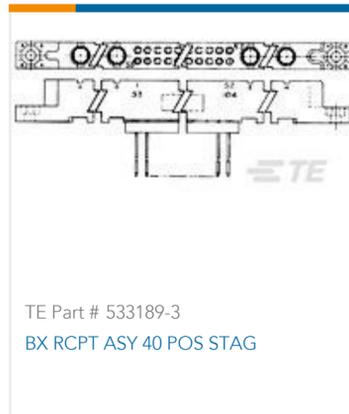
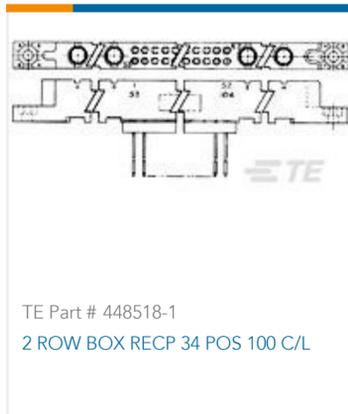
Solder Process Capability	Not applicable for solder process capability
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Product Compliance Disclaimer

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>

Compatible Parts



Documents

Product Drawings

MULTI COAX MICRO MIN SOCKET

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_227603-1_P.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_227603-1_P.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_227603-1_P.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

Products for Aerospace and Defense

English

Product Specifications

Application Specification

English

COAXICON Microminiature R.F. Coaxial Contacts

English



Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction/Maintenance/Inspection Sheet Multiple COAXICON

English