



Connectors > RF Coax Connectors > Coax Contacts



Connector System: **Cable-to-Cable**

Sealable: **No**

Connector & Contact Terminates To: **Wire & Cable**

PCB Mount Orientation: **Vertical**

Contact Type: **Socket**

Features

Product Type Features

Connector Type	Coaxial Contacts
Product Type	Contact
Connector System	Cable-to-Cable
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Compatible With RF Cable Type	Belden 9221, RD 316, RG 161, RG 174, RG 174DB, RG 179, RG 179A, RG 179B, RG 187, RG 187A, RG 187DB, RG 188, RG 188A, RG 316

Configuration Features

PCB Mount Orientation	Vertical
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Electrical Characteristics

Impedance Options	Non-Matched
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Body Features

Outer Shell Material	Brass
Outer Shell Plating Material	Gold
Body Angle	Straight

Contact Features

Contact Mating Area Plating Thickness	30 µin
Contact Type	Socket
RF Connector Center Contact Plating Material	Gold
Contact Mating Retention	Without
Contact Current Rating (Max)	1 A

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Usage Conditions

Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Method	Carton
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Other

Comment	A ferrule is required for each pin and socket., Extraction Tool No. 305183
Dielectric Material	Polypropylene

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	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 2022 (223) SVHC > Threshold: Pb (4% in Component Part) 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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

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 # 354940-1
PRO-CRIMPER III FRAME W/O DIES

TE Part # 1-332056-0
FERRULE, SUB MIN

TE Part # 91911-3
PREMIUM SDE DIE, COAXICON

TE Part # 91911-4
PREMIUM SDE DIE, COAXICON

Customers Also Bought

TE Part #5499923-1
A/L UNIV HDR 10P VERT LG LAT

TE Part #1-66109-7
III+ SKT,26-24,TIN,LP

TE Part #5555520-2
RCPT ASSY,SHLD,36 POS,RTANG

TE Part #5787131-3
68 .8MM CHAMP PLUG KIT

TE Part #1-66505-0
20 DF SCKT CONT

TE Part #201350-2
34 PL. PIN HOOD

TE Part #8-968970-2
MCP2.8 GEH ASSY 6P

TE Part #51563-8
SUB MIN SHORT PIN LP



Documents

Product Drawings

SUB MIN SOCKET

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_51565-1_AJ.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_51565-1_AJ.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_51565-1_AJ.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

AMP Circular Connectors for Commercial Signal & Power Applications

English

COAXICON Contacts

English

Coaxial Contacts

English

M_SERIES_PIN_AND_SOCKET_CONNECTORS

English

Product Specifications

Product Specification

English

Product Specification

English

Product Environmental Compliance

MD_51565-1_012920182211_dmtec



English

[MD_51565-1_012920182211_dmtec](#)

English

Instruction Sheets

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

Japanese

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

English

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

English

[Instruction/Maintenance/Inspection Sheet Subminiature COAXICON](#)

English

Agency Approvals

[Agency Approval Document](#)

English