

JACK,DECOUPLER,ESD,75 OHM

✓ ACTIVE

ESA

TE Part # 5415085-1

TE Internal #: 5415085-1

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Connectors > RF & Coax Connectors > RF Connectors



RF Interface: **BNC**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **14.529 mm [.572 in]**

Impedance: **75 Ω**

RF Connector Coupling Mechanism: **Bayonet**

Features

Product Type Features

RF Interface	BNC
RF Connector Style	Jack
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Port Configuration	Single Port
Number of Positions	1
PCB Mount Orientation	Right Angle
Number of Coaxial Contacts	1

Electrical Characteristics

Voltage Rating	1500 VDC
Capacitance	9400 pF
Impedance	75 Ω

Body Features



Body Insulation	Without
Connector Profile	Standard
Clip Style	Standard
Body Material	Polyester, PBT
Body Plating Material	Nickel

Contact Features

	30 µin
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Phosphor Bronze

Termination Features

Termination Method to Printed Circuit Board	Through Hole
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Mechanical Attachment

PCB Mount Retention	With
PCB Mount Retention Type	Hold-Down Post
RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Panel
RF Contact Captivation Method	Mechanical
Detent	Without

Housing Features

Housing Color	Black
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Dimensions

Mounting Post Length	4.01 mm[.158 in]
RF Connector Mated Outer Diameter (Approximate)	14.529 mm[.572 in]
Height Above PC Board	15.88 mm[.625 in]
PCB Tail Length	3.43 mm[.135 in]

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
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Operation/Application

Operating Frequency	4 GHz
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Packaging Features

Packaging Method	Tube
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Other



Grade	Commercial
Comment	With ESD protection.
Dielectric Material	Polymethylpentene

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: JAN 2019 (197) Candidate List Declared Against: JAN 2019 (197)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

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



RF Connectors(144)



Also in the Series | [ESA](#)

RF Connectors(2)

Customers Also Bought

TE Part #1-406507-5
IMJ,1X1,P GRD,INSLT,LED
(G/G)SN

TE Part #5787617-6
RECP ASSY, R/A,
STACKED, THRU-HOLE,
USB,

TE Part #9-102898-0
03 MODII HDR SRST
UNSHRD A/PIN

TE Part #1-796693-0
10 POS TERMI-BLOK
PLUG STACK

TE Part #3-644892-5
05P CST100 SHRD HDR
ASSY LF

TE Part #5787855-2
200 CMP DCK RA PLG
REV SEQ3.18

TE Part #1-1761615-5
STEP-Z RCPT 15MM 200P
PB ST

TE Part #1-826947-6
16P MOD2 STIFT LEI

TE Part #4-1542003-4
HTS572-U=42.5MMHS
ASSY ULTEM C

TE Part #787663-4
MEDIA CONV ASSY, .100
PCB,NEW

Documents

[Product Drawings](#)
[JACK,DECOUPLER,ESD,75 OHM](#)
[English](#)

[CAD Files](#)
[3D PDF](#)
[3D](#)



Customer View Model

[ENG_CVM_CVM_5415085-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5415085-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5415085-1_A.3d_stp.zip](#)

English

Datasheets & Catalog Pages

[Decoupled Connectors](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English