

**AMPLIMITE**

TE Internal #: 5-212059-1

Box Mount D-Sub Connectors, Receptacle, Cable-to-Cable, 5 Position, Power/Signal/Coax Combination, Size 3, Socket, Size 8

[View on TE.com >](#)

Connectors > D-Shaped Connectors > D-Sub Connectors > Box Mount D-Sub Connectors

Connector & Housing Type: **Receptacle**Connector System: **Cable-to-Cable**Number of Positions: **5**Power/Signal/Coax Combination: **Yes**D-Sub Shell Size: **3****Features****Product Type Features**

Product Type	Connector
Connector & Housing Type	Receptacle
Connector System	Cable-to-Cable
D-Sub Shell Size	3
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Blindmate	No

Configuration Features

Number of Positions	5
Power/Signal/Coax Combination	Yes

Body Features

Box Mount D-Sub Connector Insert Arrangement	5C5
Retention Clip Material	Stainless Steel
Shell Plating Material	Zinc
Shell Material	Steel
Non-Magnetic	No

Contact Features

Contact Type	Socket
D-Sub Contact Size	8



Contact Current Rating (Max)	32 A
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Mechanical Attachment

Mounting Hole Diameter	3.05 mm[.12 in]
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Housing Features

Centerline (Pitch)	2.77 mm[.109 in]
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Usage Conditions

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

ULTRA-LITE Connector	No
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Circuit Application	Power
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Industry Standards

NASA Qualification	No
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Packaging Features

Packaging Method	Package
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Other

Comment	Cable clamp/strain relief hardware cannot be used with these arrangements.
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Wave solder capable to 265°C
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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

[RECPT ASSY,SZ 3,AMPLIMITE COAX](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_5-212059-1_AJ.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_5-212059-1_AJ.3d_igs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_5-212059-1_AJ.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English

[Product Specification](#)

English

[PRODUCT SPECIFICATION, CONTACT, COAXIAL, 50 OHM AND NON-IMPEDANCE MATCHED, MULTIPLE SIZE 8 IN SERIES 109 HOUSINGS](#)



Japanese

Product Specification

Japanese

PRODUCT SPECIFICATION, CONTACT, COAXIAL, 50 OHM AND NON-IMPEDANCE MATCHED, MULTIPLE SIZE 8 IN SERIES 109 HOUSINGS

English

Agency Approvals

UL Report

English