

445730-5 x OBSOLETE

AMPLIMITE

TE Internal #: 445730-5

TE Internal Description: AMPLIMITE,ASY,RCPT,8C8,SZ 4

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



Connector & Housing Type: **Receptacle**

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

Number of Positions: **8**

Power/Signal/Coax Combination: **Yes**

D-Sub Shell Size: **4**

Features

Product Type Features

Product Type	Connector
Connector & Housing Type	Receptacle
Connector System	Cable-to-Cable
D-Sub Shell Size	4
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board, Wire & Cable
Blindmate	No

Configuration Features

Number of Positions	8
Power/Signal/Coax Combination	Yes

Body Features

Box Mount D-Sub Connector Insert Arrangement	8C8
Retention Clip Material	Stainless Steel
Shell Plating Material	Tin over Copper
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	-50 – 125 °C[-22 – 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	Not Compliant
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EU ELV Directive 2000/53/EC	Not Compliant
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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	Current ECHA Candidate List: JUNE 2022 (224) Not Yet Reviewed
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Halogen Content	Not Yet Reviewed for halogen content
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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 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.

Customers Also Bought



Documents

Product Drawings

[AMPLIMITE,ASY,RCPT,8C8,SZ 4](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_445730-5_V.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_445730-5_V.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_445730-5_V.3d_stp.zip](#)

English

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[Agency Approvals](#)

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English