



AMPLIMITE

TE Internal #: 1-2157480-4

Plug, Cable-to-Cable, Panel Mount, 37 Position, 4 Shell Size, Pin, Size 20 Contact Size, 2.77 mm [.109 in] Centerline, Sealable, Wire & Cable, Signal

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Connectors > D-Shaped Connectors > D-Sub Connectors > Panel Mount D-Sub Connectors



Connector & Housing Type: **Plug**
 Connector System: **Cable-to-Cable**
 Connector Mounting Type: **Panel Mount**
 Number of Positions: **37**
 Power/Signal/Coax Combination: **No**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Cable-to-Cable
Connector Shell Size	4
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	37
Power/Signal/Coax Combination	No

Body Features

Front Shell Plating Finish	Yellow Chromate
Front Shell Material	Steel
Mating Retention Feature Material	Stainless Steel
D-Sub Connector Insert Arrangement	MS18276-1
Rear Shell Plating Material	Cadmium
Rear Shell Material	Steel
Shell Plating Finish	Yellow Chromate



Front Shell Plating Material	Cadmium
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Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material Thickness	1.3 µm[50 – 100 µin]
Contact Options	Order Separately
Contact Type	Pin
Contact Size	Size 20
Contact Current Rating (Max)	7.5 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Connector Mounting Type	Panel Mount
Mating Alignment	Without

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

Circuit Application	Signal
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Packaging Features

Packaging Method	Individual
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
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 2025 (247) Candidate List Declared Against: JUL 2017 (174)



SVHC > Threshold:
Not Yet Reviewed

Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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 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



Customers Also Bought





Documents

Product Drawings

[AMPLIMITE IP67,SZ4, 109, 37 POS,IFS,PLUG](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-2157480-4_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2157480-4_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2157480-4_C.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[IP67 Sealed AMPLIMITE](#)

English