



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



Connector & Housing Type: **Plug**

Post Diameter: **.76 mm [.03 in]**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **37**

Features

Product Type Features

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

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	37
Power/Signal/Coax Combination	No

Body Features

Box Mount D-Sub Connector Insert Arrangement	MS18276-1
Shell Plating Material	Cadmium
Shell Material	Steel
Non-Magnetic	No

Contact Features

Contact Type	Pin
Contact Mating Area Plating Material	Gold



Contact Base Material	Brass
D-Sub Contact Size	20
Contact Current Rating (Max)	5 A

Termination Features

Termination Post Length	3.95 mm[.156 in]
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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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Dimensions

Post Diameter	.76 mm[.03 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
Circuit Application	Signal

Industry Standards

NASA Qualification	No
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Packaging Features

Packaging Method	Package
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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: JUNE 2022 (224) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Cd (6.22% in shell plating) Pb (2%) Article Safe Usage Statements: Use personal protective equipment as required. 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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 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>

Documents

Product Drawings
37 POS,ASSY,PLUG,LOW PROF,109
English

CAD Files
Customer View Model
ENG_CVM_1218124-4_E.3d_igs.zip
English
Customer View Model
ENG_CVM_1218124-4_E.3d_stp.zip
English
Customer View Model
ENG_CVM_1218124-4_E.2d_dxf.zip
English
3D PDF
English

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Agency Approvals
UL Report
English