



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: **Right Angle**  
Connector System: **Cable-to-Board**  
Number of Positions: **50**

Features

Product Type Features

Product Type	Connector
Connector & Housing Type	Plug
Connector System	Cable-to-Board
D-Sub Shell Size	5
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Blindmate	No

Configuration Features

PCB Mount Orientation	Right Angle
Number of Positions	50
Power/Signal/Coax Combination	No

Body Features

Box Mount D-Sub Connector Insert Arrangement	MS18277-1
Shell Material	Steel
Shell Plating Material	Cadmium
Non-Magnetic	No

Contact Features

Contact Type	Pin
	10 μin[50 μin]



Contact Mating Area Plating Material	Gold
PCB Contact Termination Area Plating Material	Nickel
Contact Base Material	Brass or Beryllium Copper
D-Sub Contact Size	20
Contact Current Rating (Max)	5 A

Termination Features

Termination Post Length	3.96 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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Other

Comment	For solder dip product see part number 1-1218441-0.
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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: JUN 2020  
(209)

Candidate List Declared Against: JUL 2017  
(174)

Cd (1.4%)

**Article Safe Usage Statements:**  
Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content	Not Yet Reviewed for halogen content
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

TE Model / Part # 4-1773447-3

Wire & Cable-Protection & Termination

Customers Also Bought

TE Model / Part #5-2176370-1

RQ 0603 1K43 0.1% 10PPM 5K RL

TE Model / Part #1892787-9

Assy Vert MINIPAK HDL Rcpt 20s

TE Model / Part #770364-1

02P .093 COMM P&S RECPT .248CL

TE Model / Part #YD369-B99-AS400000

369 9 WAY PANEL MNT REC, 90 PCB GOLD,SKT



TE Model / Part #YD369-B99-CS400000  
369 9 WAY PANEL MNT REC, 90 PCB  
GOLD,SKT

TE Model / Part #YDTS26F25-37SB0000  
DTS26F25-37SB

TE Model / Part #YDTS26F25-37SC0000  
DTS26F25-37SC

TE Model / Part #YDTS26W25-37SD0000  
DTS26W25-37SD

Documents

Product Drawings

R/A PLG ASSY 50 POS SER 109

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1218441-5\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1218441-5\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1218441-5\_C.3d\_stp.zip

English

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Agency Approvals

UL Report

English