



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: **9**

Features

Product Type Features

Product Type	Connector
Connector & Housing Type	Plug
Connector System	Cable-to-Board
D-Sub Shell Size	1
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Blindmate	No

Configuration Features

PCB Mount Orientation	Right Angle
Number of Positions	9
Power/Signal/Coax Combination	No

Body Features

Box Mount D-Sub Connector Insert Arrangement	MS18273-1
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
Contact Underplating 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]
-------------------------	------------------

Mechanical Attachment

Mounting Hole Diameter	3.05 mm[.12 in]
------------------------	-----------------

Housing Features

Centerline (Pitch)	2.77 mm[.109 in]
--------------------	------------------

Dimensions

Post Diameter	.76 mm[.03 in]
---------------	----------------

Usage Conditions

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

Operation/Application

ULTRA-LITE Connector	No
Circuit Application	Signal

Industry Standards

NASA Qualification	No
--------------------	----

Packaging Features

Packaging Method	Package
------------------	---------

Other

Comment	Solder dip per MIL-STD-2000 to a distance .020 [0.51] max. from insert assembly.
---------	--

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	



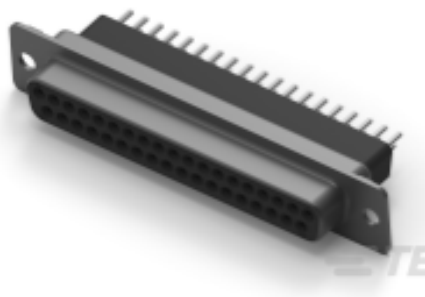
Current ECHA Candidate List: JAN 2021
(211)
Candidate List Declared Against: JUL 2017
(174)
SVHC > Threshold:
Not Yet Reviewed

Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Wave solder capable to 265°C

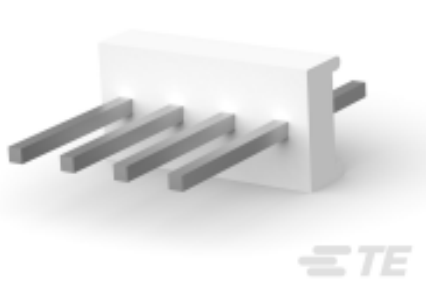
Product Compliance Disclaimer

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.

Customers Also Bought



TE Part #1-5747301-6
D-Sub Receptacle Assembly: Vertical, Shell Size 4, 2.77mm



TE Part #1-640456-0
Polyester Vertical PCB Header: 2.54 mm, Unshrouded, No Mating Alignment



TE Part #1558667-1
PCB Power Relay: 30 amp, Monostable DC



TE Part #1614881-1
CPF0603 10K 0.1% 25PPM 5K RL



TE Part #1218408-1
AMPLIMITE,ASY,RCPT,RTANG,109,1



TE Part #1-1825007-1
DRD16CE04=ROT DIP,16P



TE Part #1-1879417-4
CPF 0603 620K 0.1% 25PPM 1K RL



TE Part #1-5745967-6
D-Sub Receptacle Assembly: Vertical, Shell Size 3, 2.77mm



Documents

Product Drawings

R/A PLG ASSY 9 POS SER 109

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1218441-6_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1218441-6_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1218441-6_C.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Agency Approvals

UL Report

English