



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: **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	Vertical
Number of Positions	50
Power/Signal/Coax Combination	No

Body Features

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

Contact Features

Contact Type	Pin
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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	4.78 mm[.188 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 1-1218125-0.
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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: JAN 2021 (211)



Candidate List Declared Against: JUN 2020
(209)
SVHC > Threshold:
Cd (1.5% in Component Part)

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	Pin-in-Paste capable to 260°C

Product Compliance Disclaimer

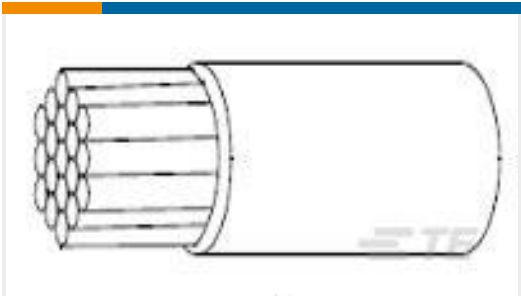
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 #YDTS20W19-35PNV001 D38999: Square Flange, 19-35 insert	 TE Part #1625999-8 Power Resistors: Aluminum Housed, HSC	 TE Part #1532206-2 M83513/02-FC, MCKS-C2-B-37SS	 TE Part #1218125-2 15 POS,ASSY,PLUG,LOW PROF,109
 TE Part #1218125-4 37 POS,ASSY,PLUG,LOW PROF,109	 TE Part #1410946-2 MULTI-GIG SOC. CAP SCREW, CUSTOMIZED HDW	 TE Part #146130-7 16 MODII HDR DRST SFMNT B/A	 TE Part #1532172-7 M83513/04-B11N, MCKS-N1-B-15S6Q9-18.0



TE Part #1218436-2
[R/A RCP ASSY 15 POS SER 109](#)



TE Part #1697743001
[55A9002-30-7](#)

Documents

Product Drawings

[50 POS,ASSY,PLUG,LOW PROF,109](#)

English

CAD Files

Customer View Model

[ENG_CVM_1218125-5_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1218125-5_F.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1218125-5_F.2d_dxf.zip](#)

English

3D PDF

English

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Agency Approvals

[UL Report](#)

English