



Connectors > D-Shaped Connectors



Number of Positions: 37

Connector & Housing Type: Receptacle

Connector System: Cable-to-Board

Connector Mounting Type: Board Mount

Connector Shell Size: 4

Features

Product Type Features

Sealable	No
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector Shell Size	4
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

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

Body Features

Front Shell Material	Steel
D-Sub Connector Insert Arrangement	MS18276-1
Rear Shell Plating Material	Cadmium
Rear Shell Material	Steel
Front Shell Plating Material	Cadmium

Contact Features

	50 µin
Contact Mating Area Plating Material	Gold (Au)



Contact Base Material	Beryllium Copper, Brass
PCB Contact Termination Area Plating Material	Nickel
Contact Size	Size 20
Contact Type	Socket
Contact Current Rating (Max)	5 A
Contact Options	Installed

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Diameter	.76 mm[.03 in]
Termination Post & Tail Length	3.18 mm[.125 in]

Mechanical Attachment

Mounting Hole Diameter	2.92 mm
Mating Alignment	Without
Connector Mounting Type	Board Mount

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	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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Cd (100% in 10563731072)



Pb (3.7% in 74019106)

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	Not Low Halogen - contains Br or Cl > 900 ppm.
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 #EH9891-000
RMW-285/135-1200/U-0

TE Part #1058083-1
3282 2241 00

TE Part #1218434-1
R/A RCP ASSY 9 POS SER 109

TE Part #1218440-4
AMPLIMITE,ASY,PLUG,RT ANG,109,4

TE Part #1393118-2
KUP-14A55-24=KU

TE Part #3-2176523-8
3503G 2B 124R 1% 1K RL

TE Part #4-2176523-7
3503G 2B 154R 1% 1K RL

TE Part #7-2176523-5
3503G 2B 301R 1% 1K RL



Documents

Product Drawings

R/A RCP ASSY 37 POS SER 109

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1218434-4_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_1218434-4_C.3d_igs.zip

English

Customer View Model

ENG_CVM_1218434-4_C.3d_stp.zip

English

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