



Connectors > PCB Connectors > Battery Connectors & Holders > DC Jack Connectors



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

Number of Positions: **6**

Centerline (Pitch): **2 mm [.08 in]**

Connector & Housing Type: **Receptacle**

PCB Mount Retention: **Without**

Features

Product Type Features

Connector System	Cable-to-Board
Connector & Housing Type	Receptacle
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	6
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Body Features

Primary Product Color	Black
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Contact Features

Contact Mating Area Plating Material	Gold
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	7 A

Mechanical Attachment

PCB Mount Retention	Without
PCB Mount Retention Type	Hold-Down Post



Connector Mounting Type	Board Mount
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Housing Features

Housing Material	LCP (Liquid Crystal Polymer)
Centerline (Pitch)	2 mm[.08 in]

Usage Conditions

Operating Temperature Range	-30 – 70 °C[-22 – 158 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	20
Packaging Method	Tube

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 240°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>

Compatible Parts

TE Part # 5787531-1
MDI HEADER ASSEMBLY,6P

Customers Also Bought

TE Part #5227161-1
RTANG JK W/MTG PINS, BNC PCB

TE Part #1393258-4
V23047-A1012-A501

TE Part #1623788-7
SQM5 15R 5% (WIRE)

TE Part #12331-20
CONT PIN

TE Part #787614-1
BAT INT,INS ASY W/TAB,5P,10.8V

TE Part #2199248-4
Shield Finger, Loose Piece, Type A, 1.0 h

TE Part #7-1879140-7
RN 0603 115K 0.1% 10PPM 5K RL

TE Part #2029054-5
5P VAL-U-LOK SR HDR SN V2 W/DH

TE Part #MS860702BA01-50
PTH COMBINATION DIGITAL SENSOR

TE Part #1532180-3
M83513/03-B03N, MCKS-N1-B-15P6G9-18.0

Documents

Product Drawings
MDI REC ASS'Y ,6P
English



CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5787253-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_5787253-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_5787253-1_A.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5787253-1_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5787253-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5787253-1_O.3d_stp.zip

English

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

Datasheets & Catalog Pages

POWER_CONNECTORS_CATALOG_SEC09_LAPTOPS_PORTABLES

English

2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1

English

Product Specifications

Product Specification

English