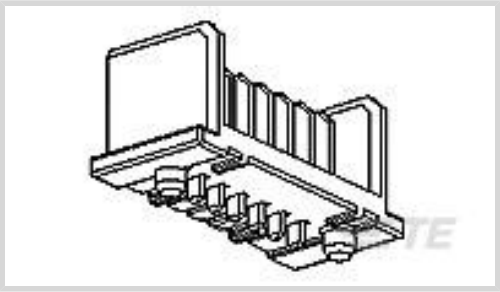




TE Internal #: 5787531-1
DC Jack Connectors, Cable-to-Board, 6 Position, 2 mm [.08 in]
Centerline, Plug, Printed Circuit Board, Signal, Board Mount, -22 –
158 °F [-30 – 70 °C]
[View on TE.com >](#)

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: **Plug**
PCB Mount Retention: **Without**

Features

Product Type Features

Connector System	Cable-to-Board
Connector & Housing Type	Plug
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	6
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Contact Features

Contact Mating Area Plating Material Thickness	.076 µm
Contact Mating Area Plating Material	Gold
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Current Rating (Max)	3 A

Termination Features

Termination Post & Tail Length	3 mm
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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 Color	Black
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	27
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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
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 Regulation, the information TE provides



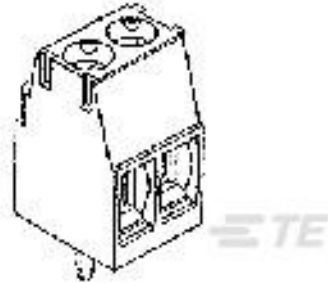









on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) ‘Guidance on requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

 <p>TE Part # 5787253-1 MDI REC ASS'Y ,6P</p>	 <p>TE Part # 5787526-1 MDI RECEPTACLE ASSEMBLY,6P</p>	 <p>TE Part # 5787253-2 MDI REC ASS'Y ,6P</p>
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Customers Also Bought

 <p>TE Part #3-2176070-1 3521 180R 1% 2W</p>	 <p>TE Part #5-520314-8 TRIOMATE ASSY H 8P L=2.54 LDFR</p>	 <p>TE Part #284391-4 TERMI-BLOK PCB SIDE ENTRY STAC</p>	 <p>TE Part #5786676-1 6 CIRC DIN RCPT W/GRND FINGERS</p>
 <p>TE Part #5-2176343-0 CRGCO 1206 120K 1%</p>	 <p>TE Part #5-2176327-2 CRGP 0805 180K 1%</p>	 <p>TE Part #2-2176331-1 CRGP 2512 470R 1%</p>	 <p>TE Part #2351454-1 SMINSA SW WH-HLV 1.47N 5A/3A AC 3A DC SP</p>
 <p>TE Part #1-749656-2 68 50SR PANEL MOUNT RCPT</p>	 <p>TE Part #5225398-7 BNC DUAL CRIMP JACJ</p>		

Documents

Product Drawings
MDI HEADER ASSEMBLY,6P
English



CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5787531-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_5787531-1_O.3d_stp.zip

English

Customer View Model

ENG_CVM_5787531-1_O.2d_dxf.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

Product Environmental Compliance

MD_5787531-1_06042012959

English

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