

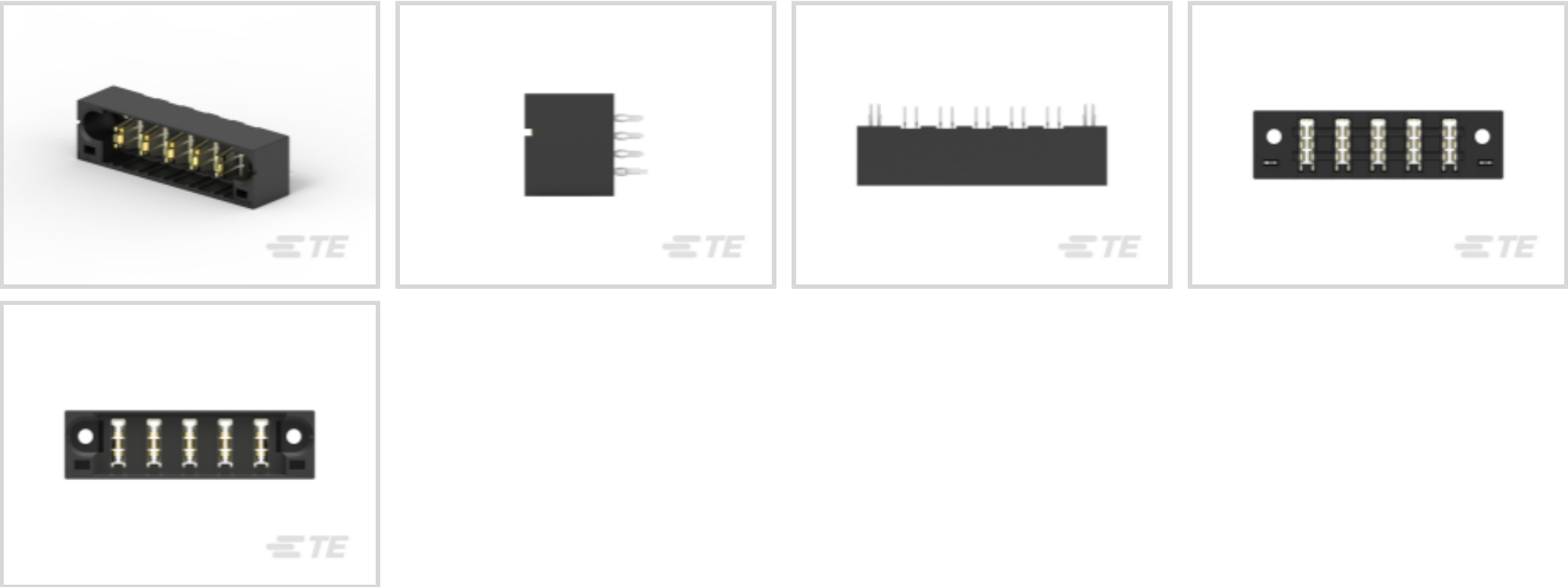


MULTI-BEAM

TE Internal #: 1-6600303-1
PCB Mount Header, Vertical, Board-to-Board, 5 Position, 2.54 mm / 7.62 mm [.1 in / .3 in] Centerline, Fully Shrouded, Gold, Through Hole - Press-Fit

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**
PCB Mount Orientation: **Vertical**
Connector System: **Board-to-Board**
Number of Positions: **5**
Number of Rows: **1**

Features

Electrical Characteristics

Operating Voltage	60 VDC, 300 VDC
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Dimensions

Connector Width	14.58 mm[.574 in]
Connector Height	12.7 mm[.5 in]
Connector Length	57.15 mm[2.25 in]

Industry Standards

Glow Wire Rating	High Temperature Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Mechanical Attachment

Mating Retention	Without
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Mating Alignment Type	Polarization
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Termination Features

Termination Post & Tail Length	4.19 mm[.165 in]
Termination Method to PCB	Through Hole - Press-Fit

Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 μm[50 μin]
Contact Mating Area Plating Material Thickness	.076 μm[3 μin]
PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 μm[100 – 200 μin]
Contact Layout	Inline
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold
Contact Type	Blade
Contact Current Rating (Max)	42 A

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	7.62 mm, 2.54 mm[.3 in][.1 in]

Configuration Features

Number of Columns	5
Number of Loaded Positions	5
Number of Power Positions	5
PCB Mount Orientation	Vertical
Number of Positions	5
Number of Rows	1

Product Type Features

Connector Shape	Rectangular
PCB Connector Assembly Type	PCB Mount Header



Connector System	Board-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Body Features

Primary Product Color	Black
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Operation/Application

Circuit Application	Power
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

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 # 1600606-4
[PANEL MT RECPT HSG W/GUIDES P](#)

Customers Also Bought



TE Part #1614770-4
[BDS 2 A 250 10R 10%](#)



TE Part #ZPF000000000136485
[RECEPTACLE MALE FOR 12 PINS, CAL1,6](#)

TE Part #EC9833-000
[ZHD-SCE-3.2-50-S1-4](#)



TE Part #1-1415543-5
[RTE44110](#)



TE Part #ASA158F12390235000
[623 PLUG](#)



TE Part #ZPF000000000205373
[PLUG MALE ANG.90 CAL.20 - FXP](#)



TE Part #YZ-KC-212751A-PY00
[TOOL DISMOUNTING - FXP2](#)



TE Part #55992-1
[TERMINAL,AMPOWER R 2/0 5/16](#)



TE Part #ZPF000000000205378
[CONTACT MALE ANG.90, CAL20, 120MM2 - FXP](#)



TE Part #ZPF000000000205388
[CONTACT FEMALE CAL.20, M12 - FXP](#)

Documents

Product Drawings
[MBXL VERT HDR 5ACP](#)

English

CAD Files
Customer View Model
[ENG_CVM_CVM_1-6600303-1_B5.2d_dxf.zip](#)

English



3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-6600303-1_B5.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-6600303-1_B5.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English