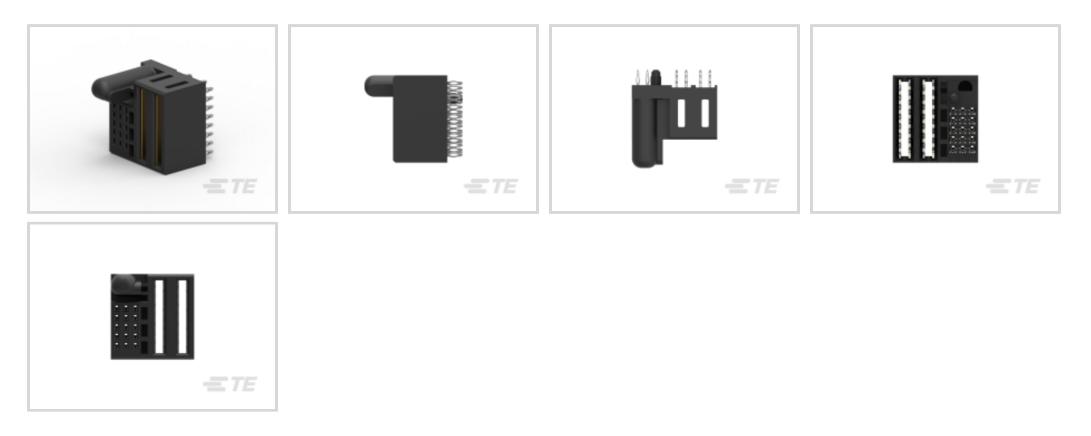


MULTI-BEAM | MULTI-BEAM HD

TE Internal #: 2204426-2 PCB Mount Receptacle, Vertical, Board-to-Board, 17 Position, 2 mm / 5 mm [.079 in / .196 in] Centerline, Fully Shrouded, Gold (Au), MULTI-BEAM HD

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: PCB Mount Receptacle

PCB Mount Orientation: Vertical

Connector System: Board-to-Board

Number of Positions: 17

Number of Rows: 5

Features

Connectivity

Product Type Features

Mixed & Hybrid Header	Yes
Connector Shape	Rectangular
PCB Connector Type	PCB Mount Receptacle
Connector System	Board-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly
Configuration Features	
Number of Columns	5
Number of Loaded Positions	17
Number of Signal Positions	15
Number of Power Positions	2
PCB Mount Orientation	Vertical

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Number of Positions	17
Number of Rows	5
Electrical Characteristics	
Operating Voltage	60 VDC
Body Features	
Primary Product Color	Black
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	Matrix
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Receptacle
Contact Current Rating (Max)	3.5 A, 135 A

Termination Features

Termination Post & Tail Length	3.2 mm[.126 in]
Termination Method to PCB	Through Hole - Press-Fit
Mechanical Attachment	
Mating Alignment Type	Guide Post
PCB Mount Alignment Type	Hold-Down
PCB Mount Retention	Without
PCB Mount Alignment	With
Connector Mounting Type	Board Mount
Mating Alignment	With
Housing Features	
Housing Material	High Temperature Thermoplastic Glass- Filled
Centerline (Pitch)	2 mm, 5 mm[.079 in][.196 in]
Dimensions	

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Row-to-Row Spacing	2 mm[.079 in]
Connector Width	18.3 mm[.72 in]
PCB Thickness (Recommended)	1.5 mm[.059 in]
Connector Height	11.4 mm[.45 in]
Connector Length	17.9 mm[.7 in]
Usage Conditions	
Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-40 - 125 °C[-40 - 257 °F]
Operation/Application	
Circuit Application	Power & Signal
Industry Standards	
UL Rating	Recognized
Glow Wire Rating	High Temperature Part - Not Glow Wire
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	56

Product Compliance

Packaging Method

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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	Not reviewed for solder process capability

Tray

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

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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



Also in the Series MULTI-BEAM HD

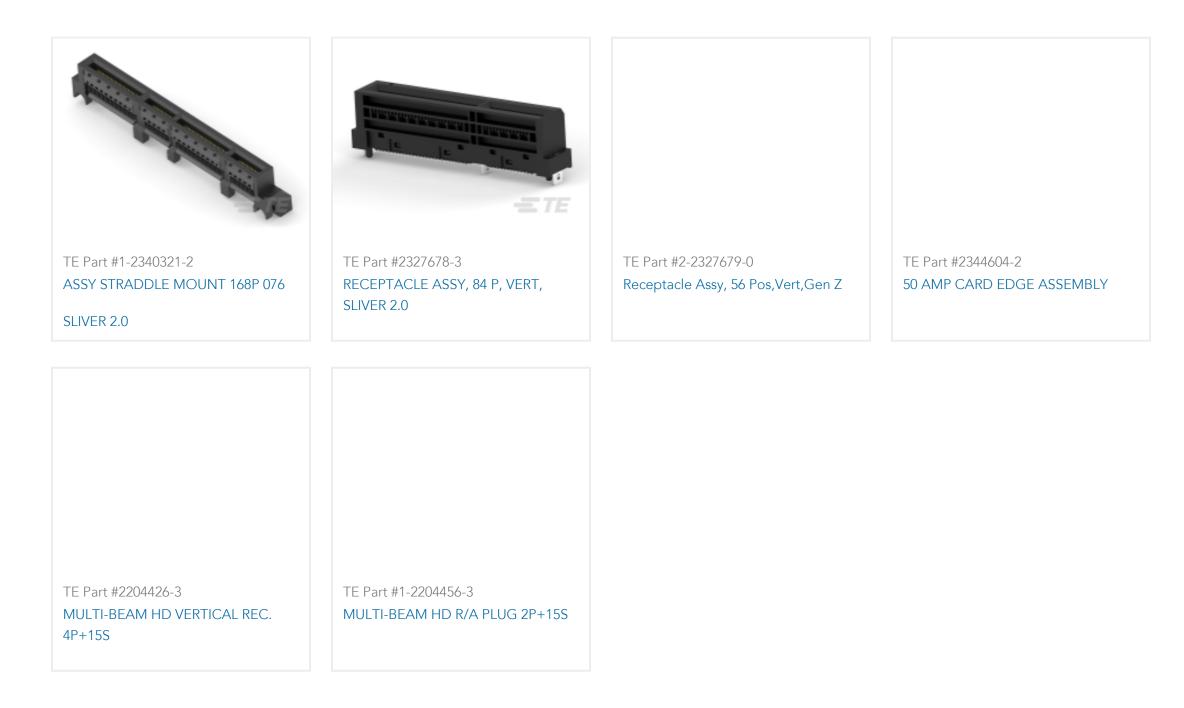


Customers Also Bought



PCB Mount Receptacle, Vertical, Board-to-Board, 17 Position, 2 mm / 5 mm [.079 in / . 196 in] Centerline, Fully Shrouded, Gold (Au), MULTI-BEAM HD





Documents

Product Drawings MULTI-BEAM HD VERTICAL REC. 2P+15S

English

CAD Files

3D PDF

3D

Customer View Model ENG_CVM_CVM_2204426-2_3.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2204426-2_3.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2204426-2_3.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications Application Specification

English

Agency Approvals UL

English