

2204426-2 ✓ ACTIVE

MULTI-BEAM | MULTI-BEAM HD

TE Internal #: 2204426-2

PCB Mount Receptacle, Vertical, Board-to-Board, 17 Position, 2 mm

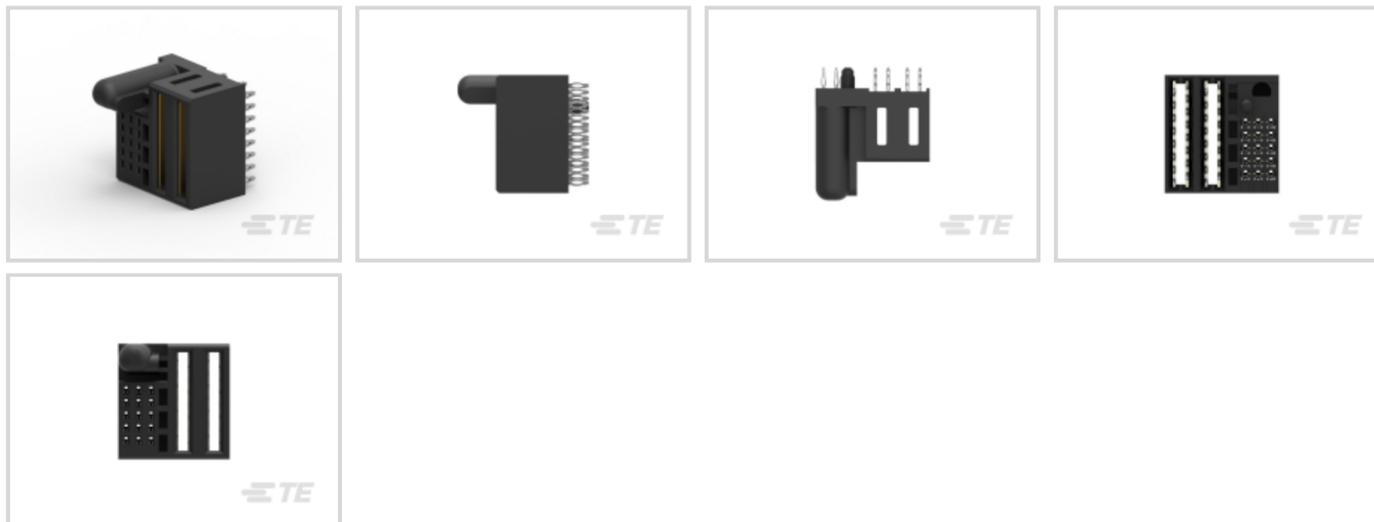
/ 5 mm [.079 in / .196 in] Centerline, Fully Shrouded, Gold (Au),

MULTI-BEAM HD

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**

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

Number of Positions: **17**

Number of Rows: **5**

Centerline (Pitch): **2 mm, 5 mm [.079 in, .196 in]**

Features

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 Positions	17
Number of Rows	5
PCB Mount Orientation	Vertical



Number of Power Positions	2
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Number of Signal Positions	15
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Electrical Characteristics

Operating Voltage	60 VDC
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Body Features

Primary Product Color	Black
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Contact Features

Contact Underplating Material	Nickel
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Contact Underplating Material Thickness	1.27 μm [50 μin]
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PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 μm [100 – 200 μin]
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Contact Layout	Matrix
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Contact Base Material	Copper Alloy
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Contact Mating Area Plating Material	Gold (Au)
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Contact Type	Receptacle
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Contact Current Rating (Max)	3.5 A, 135 A
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PCB Contact Termination Area Plating Material	Tin
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Contact Mating Area Plating Material Thickness	.076 μm [3 μin]
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Termination Features

Termination Post & Tail Length	3.2 mm[.126 in]
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Termination Method to PCB	Through Hole - Press-Fit
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Mechanical Attachment

PCB Mount Alignment Type	Hold-Down
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Mating Alignment Type	Guide Post
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Connector Mounting Type	Board Mount
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Mating Alignment	With
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PCB Mount Alignment	With
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PCB Mount Retention	Without
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Housing Features

Centerline (Pitch)	2 mm, 5 mm[.079 in][.196 in]
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Housing Material	High Temperature Thermoplastic Glass-Filled
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Dimensions



Connector Width	18.3 mm[.72 in]
Connector Height	11.4 mm[.45 in]
Connector Length	17.9 mm[.7 in]
Row-to-Row Spacing	2 mm[.079 in]
PCB Thickness (Recommended)	1.5 mm[.059 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
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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
Packaging Method	Tray

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

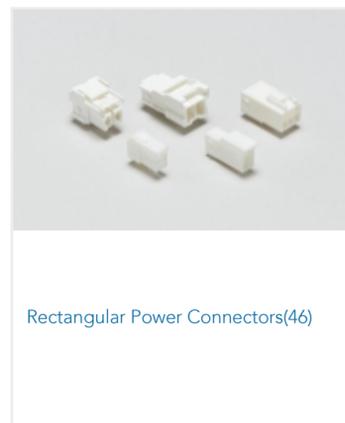
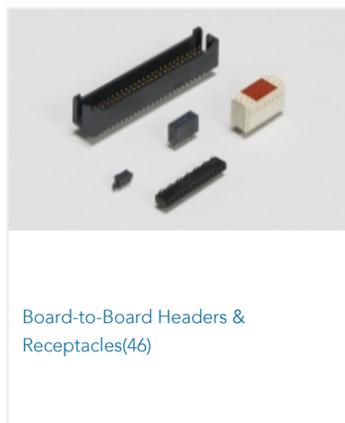
Product Compliance Disclaimer

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>

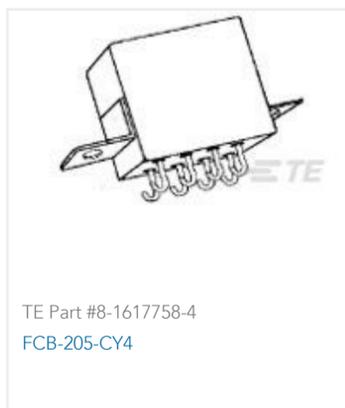
Compatible Parts



Also in the Series | MULTI-BEAM HD



Customers Also Bought





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

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Product Specifications

Application Specification

English

Agency Approvals

UL

English