

2204446-3 ✓ ACTIVE

MULTI-BEAM | MULTI-BEAM HD

TE Internal #: 2204446-3

Header, Plug, Board-to-Board, 17 Position, 4 mm / 5 mm [.157 in / .

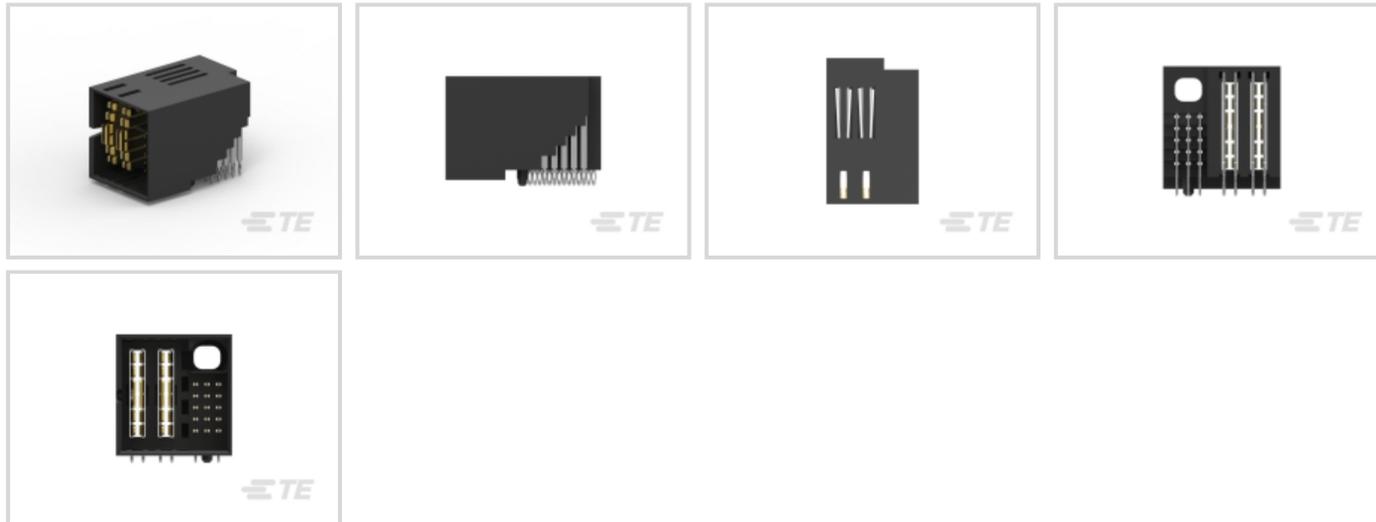
196 in] Centerline, MULTI-BEAM HD, Rectangular Power

Connectors

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Plug**

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

Number of Positions: **17**

Centerline (Pitch): **4 mm, 5 mm [.157 in, .196 in]**

Features

Product Type Features

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

Configuration Features

Number of Positions by Circuit Application	2P/Power, 15/Signal
Number of Positions	17
PCB Mount Orientation	Right Angle
Number of Power Positions	2
Number of Signal Positions	15
Number of Rows	5

Electrical Characteristics



Operating Voltage	60 VDC, 300 VDC
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Contact Features

Contact Mating Area Plating Material	Gold Flash over Palladium Nickel
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Contact Underplating Material	Nickel
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Contact Retention Within Housing	Without
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Contact Type	Blade, Pin
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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
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Termination Method to PCB	Through Hole - Press-Fit
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Centerline (Pitch)	4 mm, 5 mm [.157 in][.196 in]
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Housing Color	Black
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Housing Material	High Temperature Thermoplastic
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Dimensions

Row-to-Row Spacing	2 mm [.079 in]
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Usage Conditions

Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

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

Packaging Method	Box & Tray
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Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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	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

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



Rectangular Power Connectors(46)

Customers Also Bought

TE Part #1-2199119-5
M.2 0.5PITCH 3.2H KEY M 15U" AUTE Part #2340321-1
ASSY STRADDLE MOUNT 168P 062
SLIVER 2.0

Documents

Product Drawings

MULTI-BEAM HD R/A PLUG 2P+15S

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2204446-3_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2204446-3_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2204446-3_A.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English

Agency Approvals

UL

English

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