



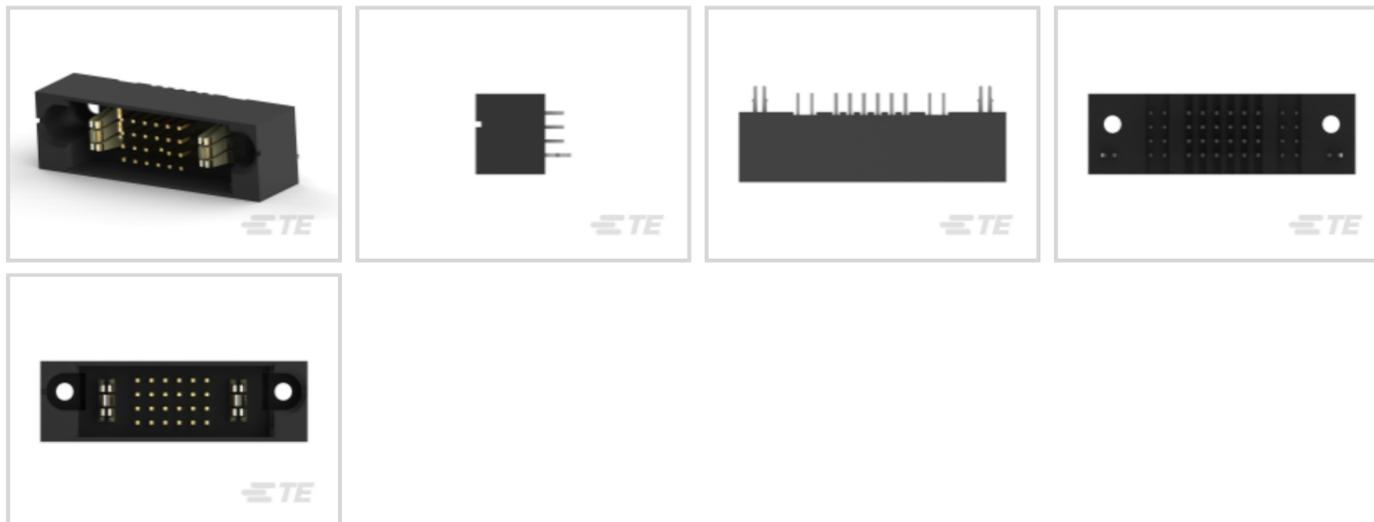
**MULTI-BEAM**

TE Internal #: 6600330-4

PCB Mount Header, Vertical, Board-to-Board, 26 Position, 2.54 mm [.1 in] Centerline, Fully Shrouded, Gold (Au), Through Hole - Solder, Power & Signal

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **26**

Number of Rows: **4**

**Features**

**Product Type Features**

Mixed & Hybrid Header	Yes
Connector Shape	Rectangular
PCB Connector Type	PCB Mount Header
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	8
Number of Loaded Positions	26
Mating & Unmating Configuration	Sequencing
Number of Signal Positions	24
Number of Power Positions	2



PCB Mount Orientation	Vertical
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Number of Positions	26
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Number of Rows	4
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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 $\mu\text{m}$ [50 $\mu\text{in}$ ]
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Contact Size	.64mm
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Contact Mating Area Plating Material Thickness	.076 $\mu\text{m}$ [3 $\mu\text{in}$ ]
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Mating Square Post Dimension	.64 mm[.025 in]
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PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 $\mu\text{m}$ [100 – 200 $\mu\text{in}$ ]
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Contact Shape & Form	Square
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Contact Layout	Matrix
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Contact Base Material	Copper Alloy
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PCB Contact Termination Area Plating Material	Tin
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Contact Mating Area Plating Material	Gold (Au)
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Contact Type	Blade, Tab
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Contact Current Rating (Max)	42 A
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### Termination Features

Termination Post & Tail Length	3.43 mm[.135 in]
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Square Termination Post & Tail Dimension	.64 mm[.025 in]
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Termination Method to PCB	Through Hole - Solder
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### Mechanical Attachment

Mating Retention	Without
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Mating Alignment Type	Polarization
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PCB Mount Retention Type	Retention Clip/Post
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PCB Mount Alignment Type	Retention Clip/Post
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PCB Mount Retention	With
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PCB Mount Alignment	With
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Connector Mounting Type	Board Mount
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Mating Alignment	With
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### Housing Features

Housing Material	Thermoplastic
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Centerline (Pitch)	2.54 mm[.1 in]
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### Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
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Connector Width	14.58 mm[.574 in]
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PCB Thickness (Recommended)	2.11 – 2.62 mm[.083 – .103 in]
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Connector Height	12.7 mm[.5 in]
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Connector Length	48.9 mm[1.925 in]
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### Usage Conditions

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

Circuit Application	Power & Signal
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### Industry Standards

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

Packaging Quantity	36
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Packaging Method	Tray
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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Halogen Content Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability Wave solder capable to 265°C

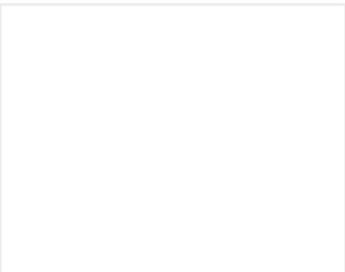
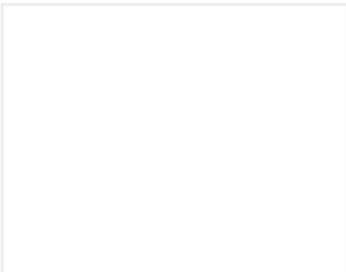
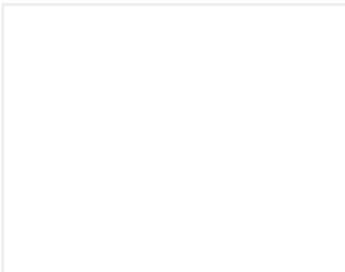
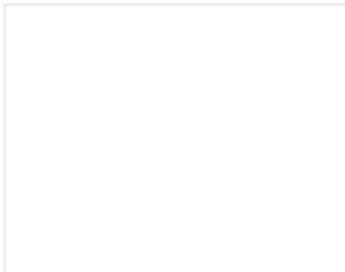
**Product Compliance Disclaimer**

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 # 1-1600636-1 MBXL RCPT PMT 1P+24S+1P</p>	 <p>TE Part # 6450160-3 MBXL R/A RCPT 1P+24S+1P</p>	 <p>TE Part # 1-6450540-8 MBXL VERT RCPT 1P+24S+1P</p>	 <p>TE Part # 6450540-1 MBXL VERT RCPT 1P+24S+1P</p>
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### Customers Also Bought

 <p>TE Part #1-2308171-3 ZQSFP+ CAGE&amp; CONN 2X2, EMI SPRING, BTB</p>	 <p>TE Part #2334626-1 QSFP28/56 1X6 CAGE ASSY BHND BZL</p>	 <p>TE Part #5406299-1 MJ ASSY,S/P,8POS,SH,RVPGT,CAT 5e</p>	 <p>TE Part #1-2324193-0 CAGE ASSY, QSFP-DD 1X1, CUST HS</p>
 <p>TE Part #2-2333126-2 CAGE ASSY, QSFP-DD 1X1, STANDARD, 4LP</p>	 <p>TE Part #1-2333126-2 CAGE ASSY, QSFP -DD 1X1, STANDARD, 4LP</p>	 <p>TE Part #2-2324313-2 RCPT CAGE ASSY W/ HS &amp;LP 1X2 QSFP-DD</p>	 <p>TE Part #3-2324313-6 RCPT CAGE ASSY W/ HS &amp;LP 1X2 QSFP-DD</p>



## Documents

### Product Drawings

[MBXL VERT HDR 1P+24S+1P](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_6600330-4\\_J2.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_6600330-4\\_J2.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_6600330-4\\_J2.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

[POWER\\_CONNECTORS\\_CATALOG\\_SEC01\\_BOARD\\_TO\\_BOARD](#)

English

[2\\_PIECE\\_POWER\\_CONNECTORS\\_qrg\\_4-1773458-1](#)

English

### Product Specifications

[Application Specification](#)

English