

**6600333-7**

✓ ACTIVE

**MULTI-BEAM**

TE Internal #: 6600333-7

PCB Mount Header, Vertical, Board-to-Board, 22 Position, 2.54 mm / 6.35 mm [.1 in / .25 in] Centerline, Fully Shrouded, Gold, Through Hole - Press-Fit

[View on TE.com >](#)[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: **22**Number of Rows: **4****Features****Electrical Characteristics**

Operating Voltage	200 VDC, 60 VDC
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**Dimensions**

Row-to-Row Spacing	2.54 mm [.1 in]
Connector Width	14.58 mm [.574 in]
Connector Height	12.7 mm [.5 in]
Connector Length	67.31 mm [2.65 in]

**Packaging Features**

Packaging Quantity	24
Packaging Method	Tray

**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 Alignment Type	Guide Hole
PCB Mount Retention Type	Retention Clip/Post

PCB Mount Alignment Type

Retention Clip/Post

PCB Mount Retention

With

PCB Mount Alignment

With

Connector Mounting Type

Board Mount

Mating Alignment

With

**Termination Features**

Termination Post &amp; 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  $\mu\text{m}$  [50  $\mu\text{in}$ ]

Contact Size

.64mm

Contact Mating Area Plating Material Thickness

.076  $\mu\text{m}$  [3  $\mu\text{in}$ ]

Mating Square Post Dimension

.64 mm [.025 in]

PCB Contact Termination Area Plating Material Thickness

2.54 – 5.08  $\mu\text{m}$  [100 – 200  $\mu\text{in}$ ]

Contact Shape &amp; Form

Square

Contact Layout

Matrix

Contact Base Material

Copper Alloy

PCB Contact Termination Area Plating Material

Tin

Contact Mating Area Plating Material

Gold

Contact Type

Blade, Tab

Contact Current Rating (Max)

42 A

**Housing Features**

Housing Material

Thermoplastic

Centerline (Pitch)

6.35 mm, 2.54 mm [.25 in] [.1 in]

**Configuration Features**

Number of Columns

10

Number of Loaded Positions

22

Number of Signal Positions

16

Number of Power Positions

6

PCB Mount Orientation

Vertical

Number of Positions

22

Number of Rows

4

**Product Type Features**

Mixed & Hybrid Header	Yes
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 & Signal
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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](http://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	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



TE Part # 2-1600636-4  
MBXL RCPT PMT 3P+16S+3P



TE Part # 1600636-8  
MBXL RCPT PMT 3P+16S+3P



TE Part # 1-1804872-1  
SEATING TI ASSY, POW/SIG/POW

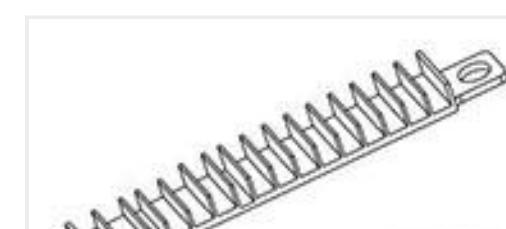
## Customers Also Bought



TE Part # 5148460-1  
ASSY,RECPT,EUROCARD,TYPE C,L-FREE,144/15



TE Part # 6-147747-0  
20 MODIV VRT DR SFMNT 30AU



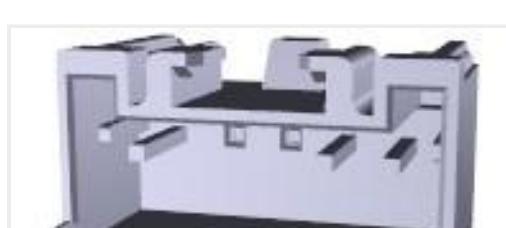
TE Part # 2170262-2  
SFP+ 1X1 HEAT SINK, SPECIAL TYPE



TE Part # 619400-1  
1.0-2.3 Jack 2 posn Siemax, S



TE Part # 1-1734264-3  
M/J,RJ45,Side,8P8C,R/A,50u" Au, D3.2



TE Part # 1903813-1  
2.5MM SDL 3/5P POST HDR ASSY S



TE Part # 2-2271793-0  
AMPMODU PIN BOX HDR 2.0PITCH 2R H=12.9



TE Part # 2288589-2  
1X5 SFP+ CAGE EMI EHANCED WITH HS



TE Part # 6646317-1  
CONN,SKT,STR,SLDR,FLATPAQ



TE Part # 5223174-1  
2MM FB,ASY,008,PWR,REC,EN,3.56

## Documents

### Product Drawings

## MBXL VERT HDR 3P+16S+3P

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_6600333-7\\_N2.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_6600333-7\\_N2.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_6600333-7\\_N2.3d\\_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