

6600333-7 ✓ ACTIVE

## MULTI-BEAM

TE Internal #: 6600333-7

Header, Plug, Board-to-Board, 22 Position, 2.54 mm / 6.35 mm [.1 in / .25 in] Centerline, Printed Circuit Board, 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: **22**

Centerline (Pitch): **2.54 mm, 6.35 mm [.1 in, .25 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	22
PCB Mount Orientation	Vertical
Number of Power Positions	6
Number of Signal Positions	16
Number of Rows	4

### Electrical Characteristics

Operating Voltage	60 VDC, 200 VDC
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### Contact Features

Power Contact Base Material	Tin
Contact Underplating Material Thickness	5.97 $\mu$ m
Contact Mating Area Plating Material	Gold Flash over Palladium Nickel



Contact Underplating Material	Nickel
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Contact Current Rating (Max)	42 A
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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 $\mu\text{m}$ [3 $\mu\text{in}$ ]
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### Termination Features

Termination Post & Tail Length	5.97 mm[.235 in]
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Termination Method to PCB	Through Hole - Press-Fit
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### Mechanical Attachment

PCB Mount Retention	With
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PCB Mount Retention Type	Retention Clip/Post
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Mating Retention Type	Retention Clip/Post
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Connector Mounting Type	Board Mount
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### Housing Features

Centerline (Pitch)	2.54 mm, 6.35 mm[.1 in][.25 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	2.54 mm[.1 in]
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### Usage Conditions

Operating Temperature Range	-20 – 105 $^{\circ}\text{C}$ [-4 – 221 $^{\circ}\text{F}$ ]
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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	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	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 # 1-1804872-1  
SEATING TI ASSY, POW/SIG/POW



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



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

### Customers Also Bought



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



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 ENHANCED WITH  
HS



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

## 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