

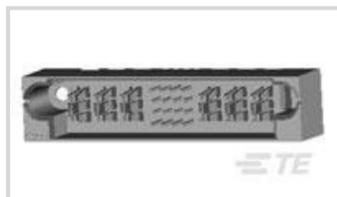
**MULTI-BEAM**

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 (Au)

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles

PCB Connector Type: **PCB Mount Header**Connector System: **Board-to-Board**Number of Positions: **22**Number of Rows: **4**Centerline (Pitch): **2.54 mm, 6.35 mm [.1 in, .25 in]****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	10
Number of Loaded Positions	22
Number of Positions	22
Number of Rows	4
PCB Mount Orientation	Vertical
Number of Power Positions	6
Number of Signal Positions	16

Electrical Characteristics

Operating Voltage	60 VDC, 200 VDC
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Body Features



Primary Product Color	Black
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Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 μm [50 μin]
Contact Size	.64mm
Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 μm [100 – 200 μin]
Contact Shape & Form	Square
Contact Layout	Matrix
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Blade, Tab
Contact Current Rating (Max)	42 A
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.076 μm [3 μin]

Termination Features

Termination Post & Tail Length	4.19 mm[.165 in]
Termination Method to PCB	Through Hole - Press-Fit

Mechanical Attachment

PCB Mount Retention Type	Retention Clip/Post
PCB Mount Alignment Type	Retention Clip/Post
Mating Alignment Type	Guide Hole
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	With

Housing Features

Centerline (Pitch)	2.54 mm, 6.35 mm[.1 in][.25 in]
Housing Material	Thermoplastic

Dimensions

Connector Width	14.58 mm[.574 in]
Connector Height	12.7 mm[.5 in]



Connector Length	67.31 mm[2.65 in]
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Row-to-Row Spacing	2.54 mm[.1 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	24
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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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
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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
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Wave solder capable to 265°C
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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

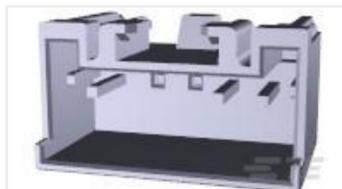
Customers Also Bought



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



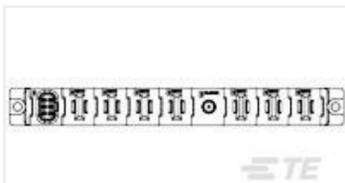
TE Part #1-1734264-3
M/J,RJ45,Side,8P8C,R/A,50u" Au, D3.2



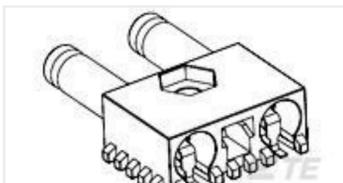
TE Part #1903813-1
2.5MM SDL 3/5P POST HDR ASSY S



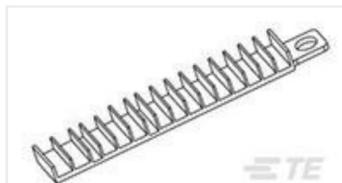
TE Part #5148460-1
ASSY,RECPT,EUROCARD,TYPE C,L-FREE,144/15



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



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



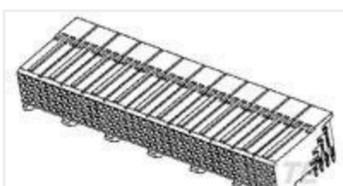
TE Part #2170262-2
SFP+ 1X1 HEAT SINK, SPECIAL TYPE



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



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



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

Product Specifications

[Application Specification](#)

English