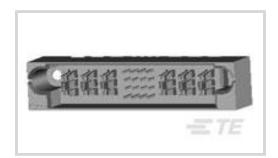


MULTI-BEAM

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

PCB Mount Orientation: Vertical

Connector System: Board-to-Board

Number of Positions: 22

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	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
Electrical Characteristics	
Operating Voltage	60 VDC, 200 VDC
Body Features	

PCB Mount Header, Vertical, Board-to-Board, 22 Position, 2.54 mm / 6.35 mm [.1 in / . 25 in] Centerline, Fully Shrouded, Gold (Au)



Primary Product Color	Black
Contact Features	
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 μm[50 μin]
Contact Size	.64mm
Contact Mating Area Plating Material Thickness	.076 μm[3 μin]
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
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Blade, Tab
Contact Current Rating (Max)	42 A
ermination Features	
Termination Post & Tail Length	4.19 mm[.165 in]

Mechanical Attachment

Through Hole - Press-Fit

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
Housing Features	
Housing Material	Thermoplastic
Centerline (Pitch)	2.54 mm, 6.35 mm[.1 in][.25 in]
Dimensions	
Row-to-Row Spacing	2.54 mm[.1 in]
Connector Width	14.58 mm[.574 in]

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04/14/2025 05:19PM | Page 2

PCB Mount Header, Vertical, Board-to-Board, 22 Position, 2.54 mm / 6.35 mm [.1 in / . 25 in] Centerline, Fully Shrouded, Gold (Au)



Connector Height	12.7 mm[.5 in]
Connector Length	67.31 mm[2.65 in]
Jsage Conditions	
Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Circuit Application	Power & Signal
ndustry Standards	
Glow Wire Rating	High Temperature Part - Not Glow Wire
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	24
Packaging Method	Tray

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2	2011/65/EU
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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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

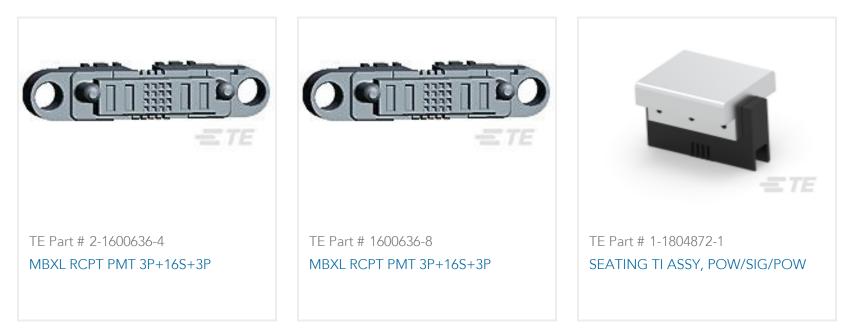
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

PCB Mount Header, Vertical, Board-to-Board, 22 Position, 2.54 mm / 6.35 mm [.1 in / . 25 in] Centerline, Fully Shrouded, Gold (Au)



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

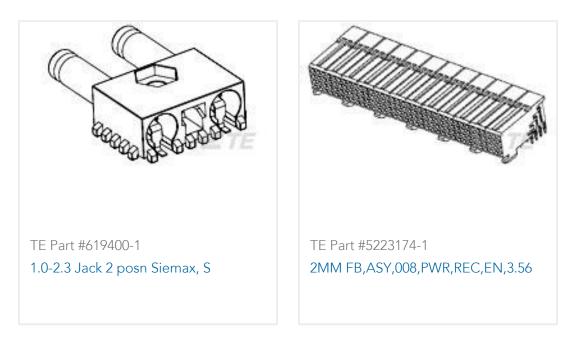


Customers Also Bought









Documents

Product Drawings MBXL VERT HDR 3P+16S+3P

English

PCB Mount Header, Vertical, Board-to-Board, 22 Position, 2.54 mm / 6.35 mm [.1 in / . 25 in] Centerline, Fully Shrouded, Gold (Au)



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