

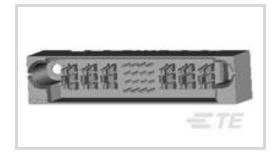
#### **MULTI-BEAM**

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

#### View on TE.com >



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
Contact Features	
Power Contact Base Material	Tin
Contact Underplating Material Thickness	5.97 μm
Contact Mating Area Plating Material	Gold Flash over Palladium Nickel

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Contact Underplating Material	Nickel
Contact Current Rating (Max)	42 A
Contact Retention Within Housing	Without
Contact Type	Blade, Pin
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.076 μm[3 μin]
Termination Features	

Termination Post & Tail Length

Termination Method to PCB

#### **Mechanical Attachment**

PCB Mount Retention

PCB Mount Retention Type

Mating Retention Type

Connector Mounting Type

#### **Housing Features**

Centerline (Pitch)

Housing Color

5.97 mm[.235 in]

Through Hole - Press-Fit

#### With

Retention Clip/Post

Retention Clip/Post

Board Mount

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

Black

Housing Material	High Temperature Thermoplastic
Dimensions	
Row-to-Row Spacing	2.54 mm[.1 in]
Usage Conditions	
Operating Temperature Range	-20 – 105 °C[-4 – 221 °F]
Operation/Application	
Circuit Application	Power & Signal
Industry Standards	
UL Flammability Rating	UL 94V-0
Glow Wire Rating	High Temperature Part - Not Glow Wire
Packaging Features	
Packaging Method	Tray

# Product Compliance

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

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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

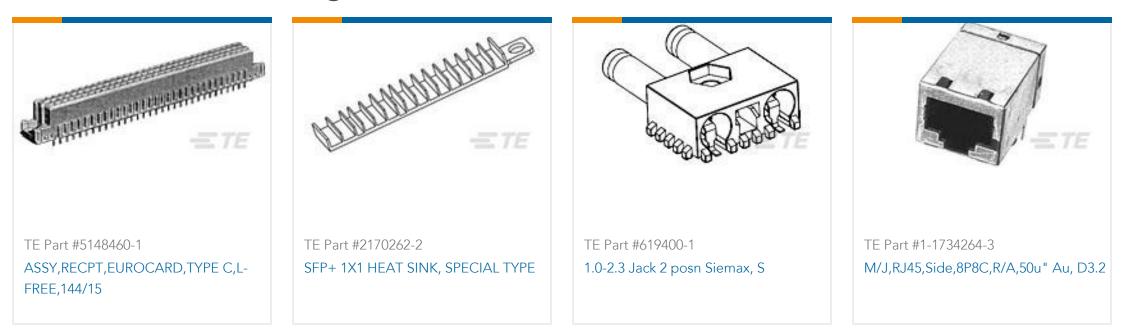
#### Product Compliance Disclaimer

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**



# Customers Also Bought



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## 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