

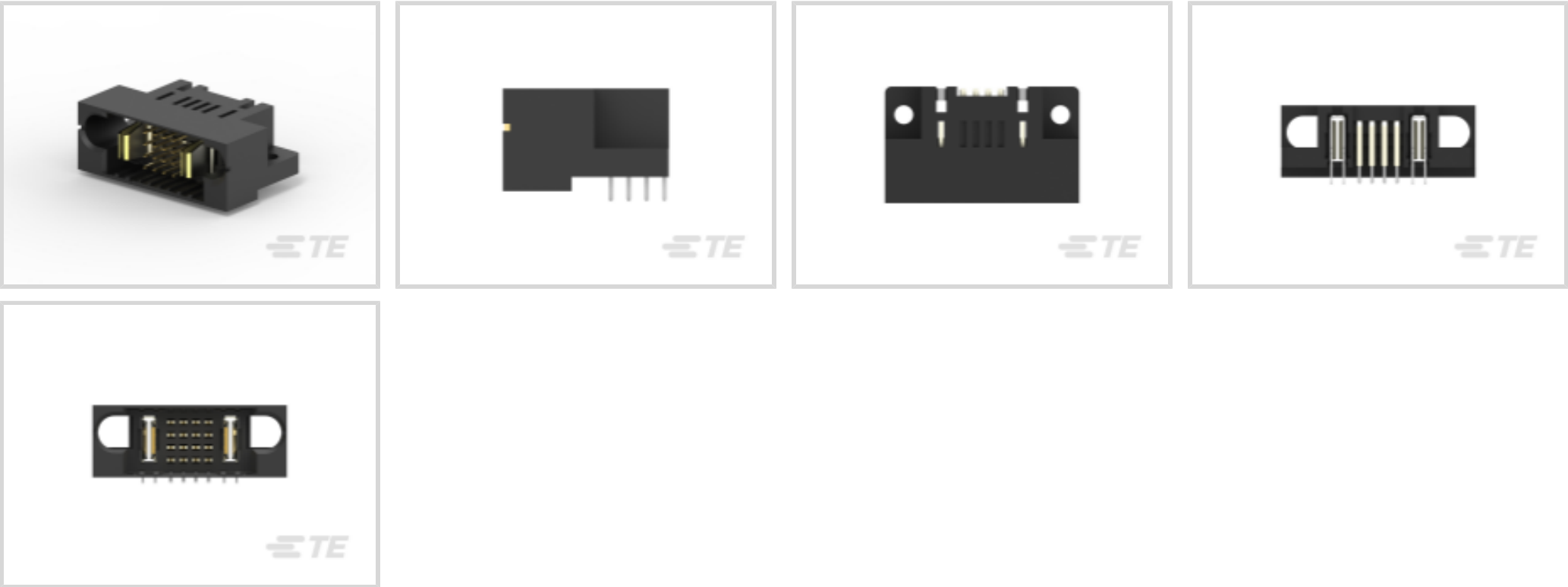


MULTI-BEAM

TE Internal #: 1-6600132-0
Header, Plug, Board-to-Board, 18 Position, 2.54 mm [.1 in]
Centerline, Printed Circuit Board, UL 94V-0, 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: **18**
Centerline (Pitch): **2.54 mm [.1 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	18
PCB Mount Orientation	Right Angle
Number of Power Positions	2
Number of Signal Positions	16
Number of Rows	4

Electrical Characteristics

Operating Voltage	60 VDC
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Contact Features

Contact Mating Area Plating Material	Gold
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	.76 µm[30 µin]

Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Color	Black
Housing Material	High Temperature Thermoplastic

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
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Usage Conditions

Operating Temperature Range	-20 – 105 °C[-4 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	High Temperature Part - Not Glow Wire

Packaging Features

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
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: JAN 2024 (240) 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 # 1-6450360-2
MBXL R/A RCPT 1P+16S+1P

TE Part # 4-6450540-8
MBXL VERT RCPT 1P+16+1P

Customers Also Bought


TE Part #556882-2
RCPT ASY,R/A,AMPINRGY WTB,2POS

TE Part #1734037-4
Champ 050 series,40pos,Au over PdNi

TE Part #1926736-3
MiniPAK HDL, 25s10p, RA Plug,

TE Part #1-6600132-5
MBXL R/A HDR DB 2ACP + 12S + 1P



 <p>TE Part #1643903-2 Crown Clip Senior II 3000W Connector</p>	 <p>TE Part #3-1761465-2 pci expres ra Assy 5.8mm thru hole 3.1 mm</p>	 <p>TE Part #2391132-3 MB Lite,R/A,HDR,SOLDER,SLP+25S</p>	 <p>TE Part #3-2204910-3 MBXLE R/A HEADER 4HDP + 24S + 3LP</p>
 <p>TE Part #1932164-1 CONNECTOR ASSEMBLY,STRADDLE MOUNT POWER</p>	 <p>TE Part #2321493-4 BUS BAR ASSEMBLY, CROWN CLIP SOCKET</p>		

Documents

Product Drawings

MBXL R/A HDR DB 1P+16S+1P

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-6600132-0_E5.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-6600132-0_E5.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-6600132-0_E5.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1

English

Product Specifications

Application Specification

English

Agency Approvals

UL



English

UL

English