MBXLE VERT HDR 1P+24S+1P ✔ ACTIVE

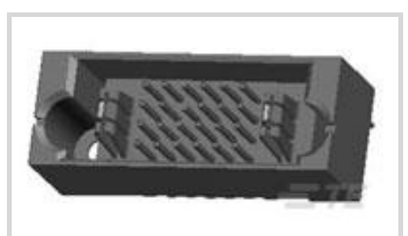
MULTI-BEAM | MULTI-BEAM XLE

TE Part # 6450820-2

TE Internal #: 6450820-2

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Product Type: **Header**

Housing Type: **Plug**

Connector System: **Board-to-Board**

Number of Positions: **26**

Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

Product Type	Header
Housing Type	Plug
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Contact Type	Pin

Configuration Features

Mating & Unmating Configuration	Sequencing
Number of Positions	26
PCB Mount Orientation	Vertical
Number of Power Positions	2
Number of Signal Positions	24
Number of Rows	4
Row-to-Row Spacing	2.54 mm[.1 in]
Board-to-Board Configuration	Vertical

Electrical Characteristics

Operating Voltage	60 VDC

Contact Features

Power Contact Material	Tin

Contact Current Rating (Max)	50 A
Contact Retention	Without
Contact Termination Area Plating Material	Gold
Contact Mating Area Plating Material	Noble Metal
Contact Mating Area Plating Thickness	.076 µm[3 µin]
Underplate Material Thickness	4.45 µm

Termination Features

Termination Post & Tail Length	4.45 mm[.175 in]
Termination Method to Printed Circuit Board	Through Hole - Press-Fit

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
UL Flammability Rating	UL 94V-0
Housing Color	Black
Housing Material	High Temperature Thermoplastic

Usage Conditions

Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

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>

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: JAN 2019 (197) Candidate List Declared Against: DEC 2012 (138)
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable for solder process capability

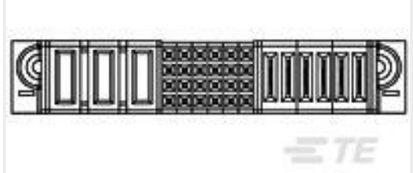
Product Compliance Disclaimer

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 6450870-5
MBXLE R/A RCPT 1P+24S+1P



TE Part # 6450850-3
MBXLE VERT RCPT 1P + 24S + 1P

Also in the Series | MULTI-BEAM XLE

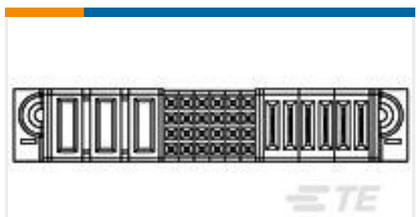


Rectangular Power Connectors(170)

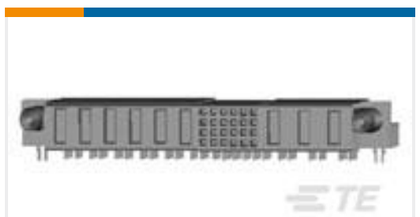
Customers Also Bought



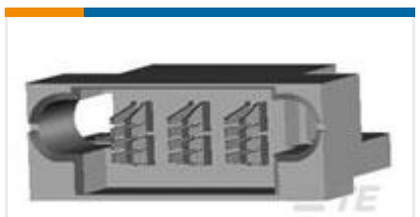
TE Part #2057419-2
IMP100S,H,V2P10C,LG, OEW39,4.9



TE Part #6450850-3
MBXLE VERT RCPT 1P + 24S + 1P



TE Part #6450170-8
MBXL R/A RCPT 3ACP+24S+6P



TE Part #6450323-1
MBXL R/A HDR 3ACP+0P



TE Part #9-1542006-1
HTS407NF-U=37.5MM HS ASSY ULTE

Documents

Product Drawings

MBXLE VERT HDR 1P+24S+1P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6450820-2_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6450820-2_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6450820-2_G.3d_stp.zip

English

Datasheets & Catalog Pages

POWER_CONNECTORS_CATALOG_SEC01_BOARD_TO_BOARD

English

2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1

English

MULTI-BEAM XLE Connectors Datasheet

English

Product Specifications

Application Specification

English