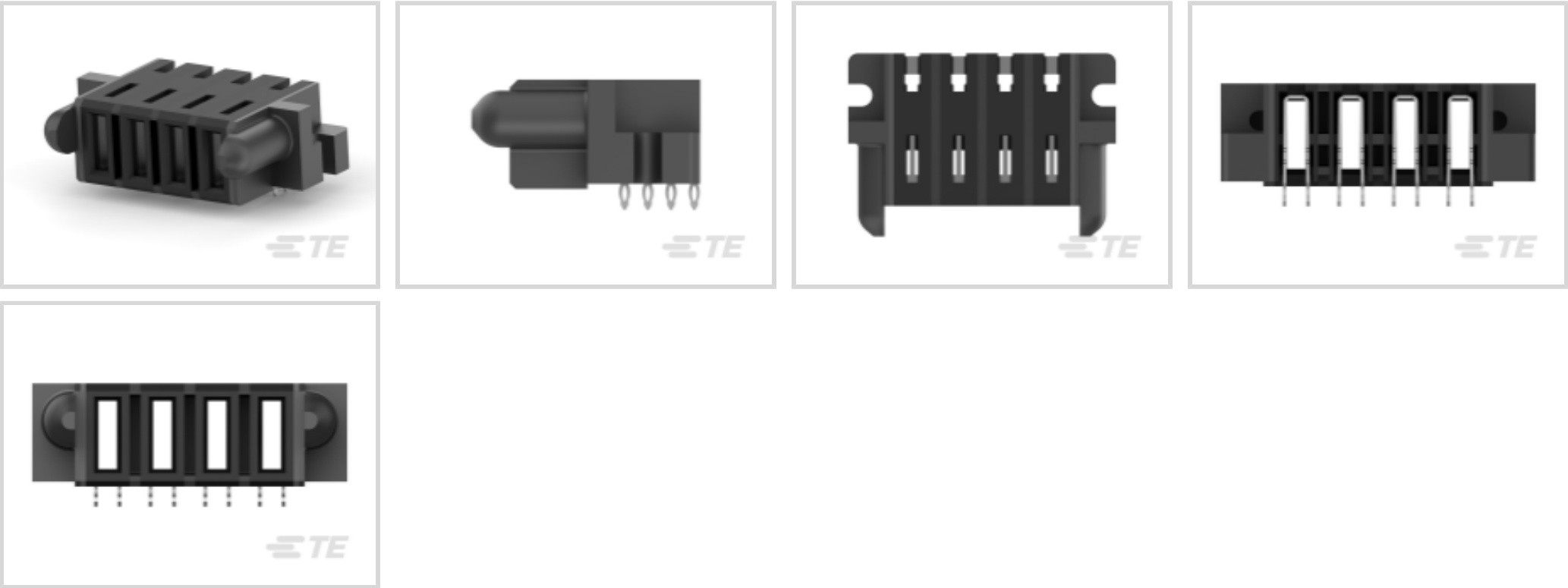




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **4**

Number of Rows: **1**

Features

Electrical Characteristics

Operating Voltage	200 VDC, 60 VDC
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Dimensions

Connector Width	20.83 mm[.82 in]
PCB Thickness (Recommended)	1.35 mm[.053 in]
Connector Height	11.94 mm[.47 in]
Connector Length	36.58 mm[1.44 in]

Packaging Features

Packaging Quantity	66
Packaging Method	Tray

Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Usage Conditions

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



Mechanical Attachment

Mating Alignment Type	Guide Post
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Termination Features

Termination Post & Tail Length	3.02 mm[.119 in]
Termination Method to PCB	Through Hole - Press-Fit

Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 μm[50 μin]
Contact Mating Area Plating Material Thickness	.076 μm[3 μin]
PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 μm[100 – 200 μin]
Contact Layout	Inline
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold
Contact Type	Receptacle
Contact Current Rating (Max)	75 A

Housing Features

Housing Material	High Temperature Thermoplastic Glass-Filled
Centerline (Pitch)	6.35 mm, 2.54 mm[.25 in][.1 in]

Configuration Features

Number of Columns	4
Number of Loaded Positions	4
Mating & Unmating Configuration	Normal
Number of Power Positions	4
PCB Mount Orientation	Right Angle
Number of Positions	4
Number of Rows	1



Product Type Features

Connector Shape	Rectangular
PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Header Type	Fully Shrouded
Connector & Contact Terminates To	Printed Circuit Board

Body Features

Primary Product Color	Black
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Operation/Application

Circuit Application	Power
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

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

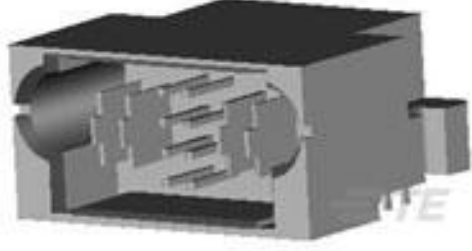
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	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 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 # 6450830-1


MBXL R/A HDR 2LP + 8S + 2LP

Customers Also Bought




TE Part #2-2340321-1

ASSY STRADDLE MOUNT 168P 093 SLIVER 2.0



TE Part #2327677-3

RECEPT ASSY, 140 POS, VERT, SLIVER 2.0




TE Part #2369833-3

RECEPT ASSY, RA, 168 POS, SLIVER 2.0

TE Part #2334549-2

MBPULS,RA,HEADER, PF, 16P



TE Part #2351970-1

RA SLIVER POWER ASSEMBLY

TE Part #2-2340326-1

ASSY STRADDLE MOUNT 84P 093 SLIVER 2.0

TE Part #2334569-2

MBPULS,VERT, REC, PF, 16P

TE Part #2375992-1

48 V IT GEAR TO MBXLE

TE Part #8-2355627-4

DDR5 DIMM SMT\_black hsg&natural latch

TE Part #8-2355642-4

DDR5 NORMAL BLUE HSG & NATURAL LATCH

Documents

Product Drawings

MBXLE R/A RCPT 4P

English

CAD Files

Customer View Model



[ENG\\_CVM\\_CVM\\_6450883-1\\_1.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_6450883-1\\_1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_6450883-1\\_1.3d\\_stp.zip](#)

English

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**Product Specifications**

[Application Specification](#)

English