

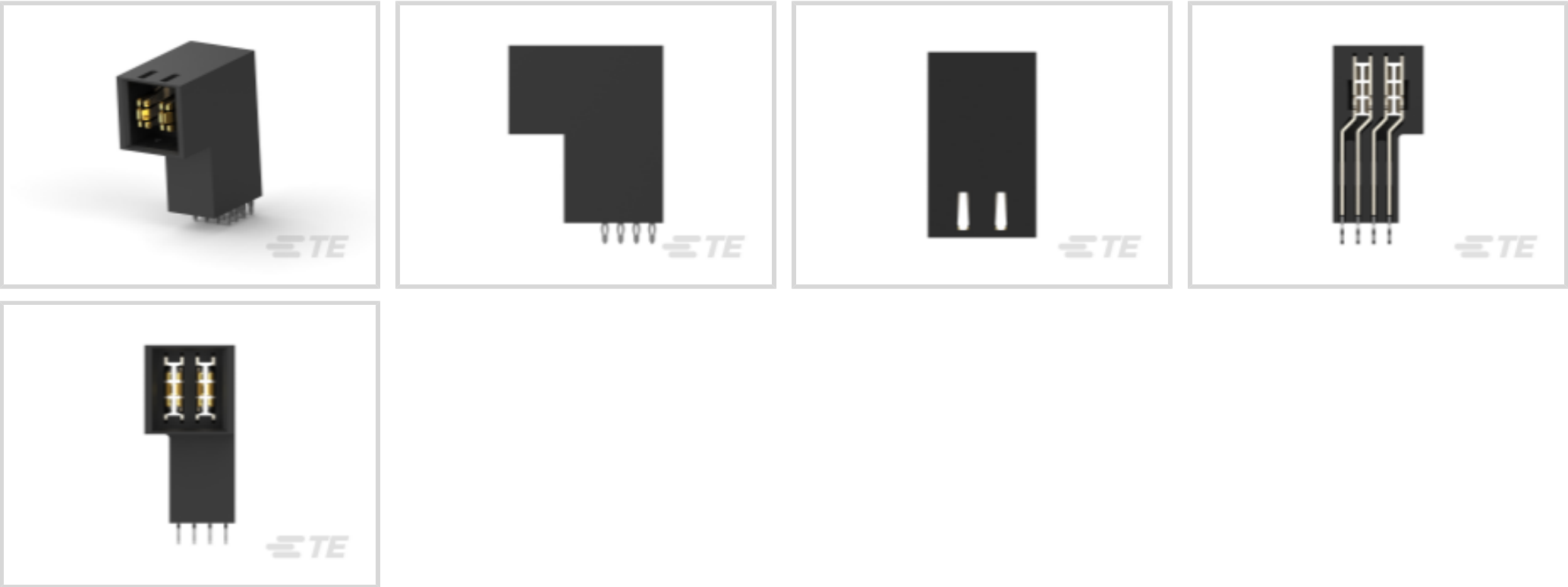


MULTI-BEAM

TE Internal #: 1892714-2  
Header, Plug, Board-to-Board, 2 Position, 5.08 mm [.2 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: **2**  
Centerline (Pitch): **5.08 mm [.2 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	2
PCB Mount Orientation	Right Angle
Number of Power Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	60 VDC
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Contact Features



Power Contact Base Material	Tin
Contact Underplating Material Thickness	4.19 μm
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	42 A
Contact Retention Within Housing	Without
Contact Type	Blade
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]

Termination Features

Termination Post & Tail Length	4.19 mm[.165 in]
Termination Method to PCB	Through Hole - Press-Fit

Mechanical Attachment

PCB Mount Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	5.08 mm[.2 in]
Housing Color	Black
Housing Material	High Temperature Thermoplastic

Usage Conditions

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

Circuit Application	Power
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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	Package
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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: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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 # 1-6450869-3  
MBXLE VERT RCPT 2P

Customers Also Bought

TE Part #6450330-1  
MBXL R/A HDR 1P+24S+1P

TE Part #1903392-1  
GIC 2.5 W CAP HSG 3P NATURAL

TE Part #5-1747072-5  
GRACE INERTIA CONN 2.5 ON TAPE HDR 5P NA

TE Part #5-1747072-3  
GRACE INERTIA CONN 2.5 ON TAPE HDR 3P NA



TE Part #1-6450869-3  
MBXLE VERT RCPT 2P

TE Part #2410331-2  
CA,UMCC4 TO SMA JACK WP,0.81 MM,L100MM

TE Part #OCX24688-FNM  
TRI-BAND, OMNIDIRECTIONAL ARRAY

TE Part #4-2176377-0  
RQ 0805 340K 0.1% 10PPM 1K RL

Documents

Product Drawings

MBXL R/A HDR 2P

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1892714-2\_B.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1892714-2\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1892714-2\_B.3d\_stp.zip

English

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Product Specifications

Application Specification

English