

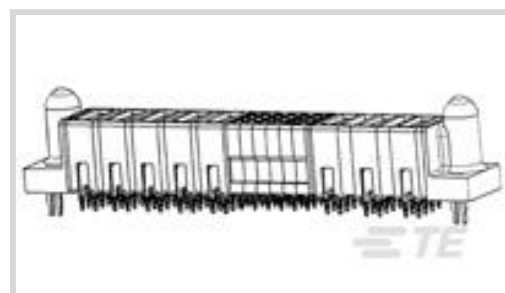
**MULTI-BEAM**

TE Internal #: 3-6450550-8

Rectangular Power Connectors, Connector Assembly, Receptacle,  
Board-to-Board, Printed Circuit Board, UL 94V-0, Through Hole -  
Press-Fit, Receptacle

[View on TE.com >](#)

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors

Rectangular Power Connector Type: **Connector Assembly**Connector & Housing Type: **Receptacle**Connector System: **Board-to-Board**Connector & Contact Terminates To: **Printed Circuit Board**UL Flammability Rating: **UL 94V-0****Features****Product Type Features**

Assembly Requirement	Factory Assembled
Rectangular Power Connector Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board

**Configuration Features**

Mating & Unmating Configuration	Normal
---------------------------------	--------

**Contact Features**

Power Contact Base Material	Tin
Contact Type	Receptacle
Underplate Material Thickness	3.43 $\mu$ m

**Termination Features**

Termination Post & Tail Length	3.43 mm[.135 in]
Termination Method to Printed Circuit Board	Through Hole - Press-Fit

**Mechanical Attachment**

PCB Mount Retention	With
PCB Mount Retention Type	Action/Compliant Tail
Mating Retention Type	Action/Compliant Tail



### Housing Features

Housing Material	High Temperature Thermoplastic
------------------	--------------------------------

### Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

### Other

Wire Color	Black
------------	-------

### 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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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>

### Documents

#### Product Drawings

[MBXL VERT RCPT 4P+24S+2P](#)

English

#### CAD Files

[3D PDF](#)



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_3-6450550-8\\_2.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-6450550-8\\_2.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-6450550-8\\_2.3d\\_stp.zip](#)

English

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

**Product Specifications**

[Application Specification](#)

English