

MULTI-BEAM

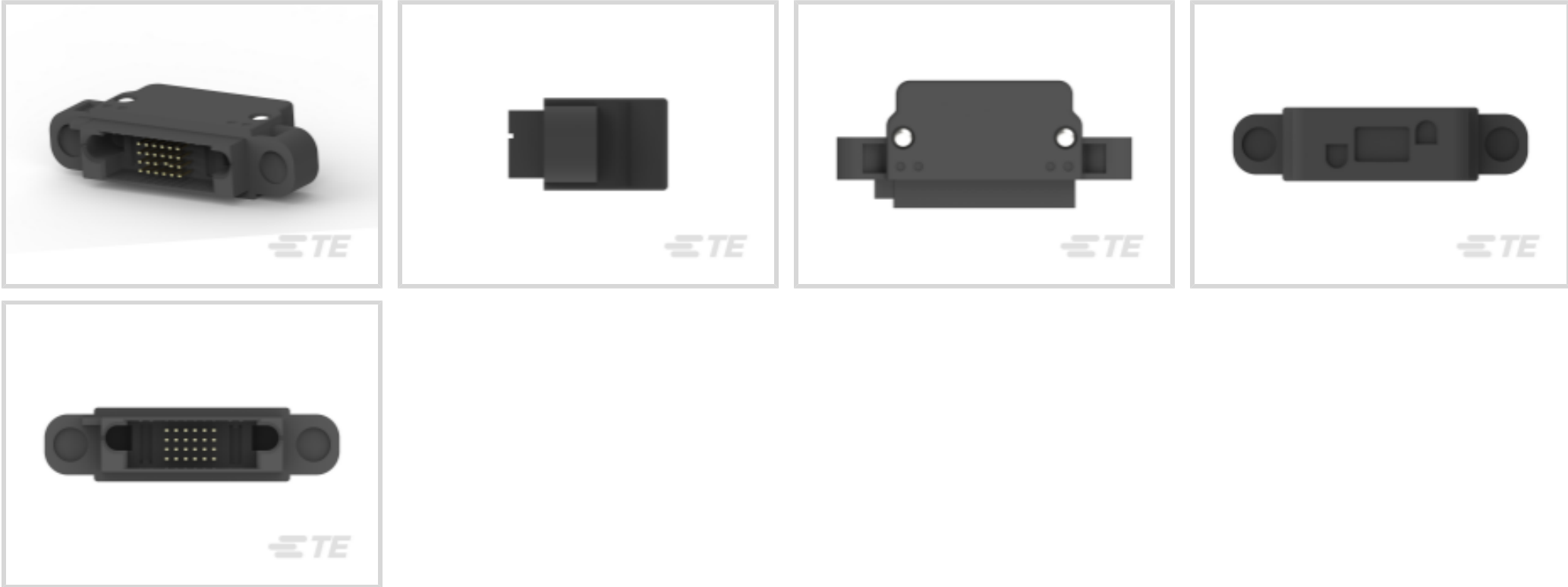
TE Internal #: 1600236-4

Rectangular Power Connectors, Header, Plug, Cable-to-Panel, 26
Position, 2.54 mm [.1 in] Centerline, Printed Circuit Board, UL 94V-0

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Plug**

Connector System: **Cable-to-Panel**

Number of Positions: **26**

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

Features

Product Type Features

Rectangular Power Connector Type	Header
Connector & Housing Type	Plug
Connector System	Cable-to-Panel
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	26
Number of Power Positions	2
Number of Signal Positions	24
Number of Rows	4

Electrical Characteristics

Operating Voltage	60 VDC
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Contact Features

Power Contact Base Material	Tin
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Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	45 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 Wire & Cable	Crimp
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Mechanical Attachment

PCB Mount Retention	Without
Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Color	Black
Housing Material	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	Standard Part - Not Glow Wire

Packaging Features

Packaging Method	Box
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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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 6450140-6
MBXL VERT RCPT 1P+24S+1P

TE Part # 6450160-3
MBXL R/A RCPT 1P+24S+1P

TE Part # 6450540-1
MBXL VERT RCPT 1P+24S+1P

Customers Also Bought

TE Part #1-1600961-8
CONT 12-16 AWG PWR, STD PLATE

TE Part #1648575-1
296-0041-01100

TE Part #6450830-2
MBXLE R/A HDR 6LP + 24S + 3P

Documents

Product Drawings
PAN MT PLUG, MBXL, 1P+24S+1P
English



CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1600236-4_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1600236-4_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1600236-4_D.3d_stp.zip

English

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

Datasheets & Catalog Pages

POWER_CONNECTORS_CATALOG_SEC01_BOARD_TO_BOARD

English

MULTI-BEAM XL Cable Plug Assemblies Datasheet 6-1773442-7

English

Product Specifications

Application Specification

English

Agency Approvals

Agency Approval Document

English