MBXL R/A RCPT 4P+20S ✔ ACTIVE

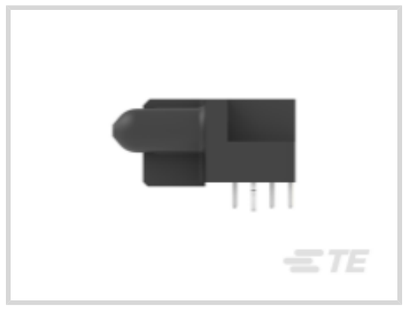
MULTI-BEAM

TE Part # 6450162-6

TE Internal #: 6450162-6

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors




Product Type: **Connector Assembly**

Housing Type: **Receptacle**

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

Number of Positions: **24**

Centerline (Pitch): **2.54 mm, 6.35 mm [.1 in, .25 in]**

Features

Product Type Features

Product Type	Connector Assembly
Housing Type	Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Contact Type	Socket

Configuration Features

Number of Positions	24
PCB Mount Orientation	Right Angle
Number of Power Positions	4
Number of Signal Positions	20
Number of Rows	4
Row-to-Row Spacing	2.54 mm[.1 in]
Board-to-Board Configuration	Right Angle

Electrical Characteristics

Operating Voltage	60 VDC, 200 VDC

Contact Features

Contact Current Rating (Max)	42 A
Contact Retention	Without
Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Noble Metal
Contact Mating Area Plating Thickness	.076 µm[3 µin]

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.54 mm, 6.35 mm[.1 in][.25 in]
UL Flammability Rating	UL 94V-0
Housing Color	Black
Housing Material	High Temperature Thermoplastic

Usage Conditions

Operating Temperature Range	-20 – 105 °C[-4 – 221 °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: JUN 2018 (191)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

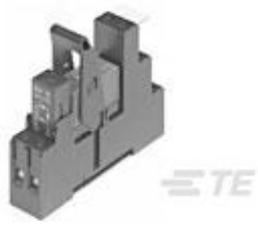
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 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

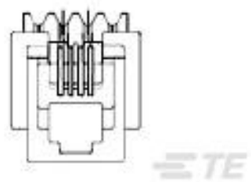


TE Part # 1-6450122-9
MBXL R/A HDR 4P+20S

Customers Also Bought



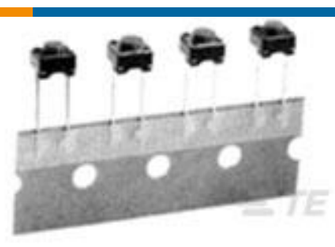
TE Part #5-1415528-1
RT3S4S15



TE Part #216780-2
4P/4C.MOD.JACK ASSY



TE Part #3-2176054-1
RLP73K 2A R91 5% 5K RL



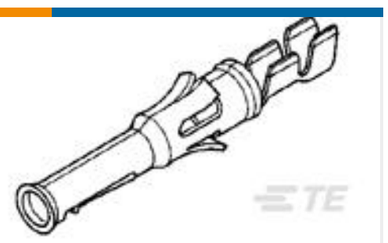
TE Part #2-1437565-6
FSM2JRT=PUSHBUTTONS SWITCH



TE Part #103958-6
2X7 MTE RCPT SR LATCH . 100CL



TE Part #2-6450880-5
MBXL R/A RCPT 1LP + 8S + 1LP



TE Part #66594-2
TYPE VI SKT,MULTI-MATE, L.P.



TE Part #2-1879496-3
CRGH0805 5% 100K 0.33W



TE Part #1-6450122-9
MBXL R/A HDR 4P+20S



TE Part #6450880-1
MBXLE R/A RCPT 6LP + 24S + 3P

Documents

Product Drawings

MBXL R/A RCPT 4P+20S

English

Datasheets & Catalog Pages

2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1

English

Product Specifications

Application Specification

English