2334570-8 ✔ ACTIVE

MULTI-BEAM

TE Internal #: 2334570-8

PCB Mount Receptacle, Right Angle, Board-to-Board, 32 Position, 2.54 mm / 5.5 mm [.1 in / .216 in] Centerline, Fully Shrouded, Gold (Au)

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Connectors > PCB Connectors > PCB Headers & Receptacles







PCB Connector Type: **PCB Mount Receptacle**

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

Number of Positions: **32**

Number of Rows: **5**

Centerline (Pitch): **2.54 mm, 5.5 mm [.1 in, .216 in]**

Features

Product Type Features

Mixed & Hybrid Header	Yes
Connector Shape	Rectangular
PCB Connector Type	PCB Mount Receptacle
Connector System	Board-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Number of Columns	12
Number of Loaded Positions	32
Number of Positions	32
Number of Rows	5
PCB Mount Orientation	Right Angle

Number of Power Positions	7
Number of Signal Positions	25

Electrical Characteristics

Operating Voltage	60 VDC, 400 VDC

Body Features

Primary Product Color	Black

Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 – 2.54 µm[50 – 100 µin]
PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 µm[100 – 200 µin]
Contact Layout	Matrix
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Receptacle
Contact Current Rating (Max)	100 A
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.381 µm[15 µin]

Termination Features

Termination Post & Tail Length	2.54 mm[.1 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Retention	Without
PCB Mount Retention Type	Hold-Down
PCB Mount Alignment Type	Hold-Down
Connector Mounting Type	Board Mount
Mating Alignment	Without
PCB Mount Alignment	With
PCB Mount Retention	With

Housing Features

Centerline (Pitch)	2.54 mm, 5.5 mm[.1 in][.216 in]
Housing Material	High Temperature Thermoplastic Glass-Filled

Dimensions

Connector Length	61 mm[2.4 in]
Row-to-Row Spacing	2 mm[.07 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	44
Packaging Method	Tray

Product Compliance

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

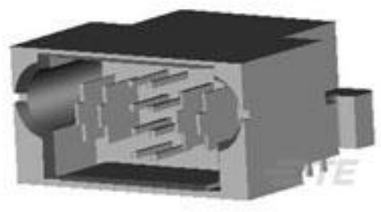
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 245°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

Compatible Parts



TE Part # 6450830-1
MBXL R/A HDR 2LP + 8S + 2LP

Customers Also Bought



TE Part #1658621-4
20 NOVO MIL/CTR 15DP,LEAD FREE



TE Part #1-2334530-2
MBPLUS,R/A,PLUG,SOLDER,5LP + 25S + 2P



TE Part #2334571-1
MBPLUS R/A RCPT 20S + 6P

Documents

Product Drawings

MBPLUS,R/A,REC.,SOLDER,5LP + 25S + 2P

English

CAD Files

Customer View Model

ENG_CVM_CVM_2334570-8_A.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2334570-8_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2334570-8_A.3d_igs.zip

English

3D PDF

3D

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Product Specifications

Application Specification

English