# 2334570-4 ✔ ACTIVE

MULTI-BEAM

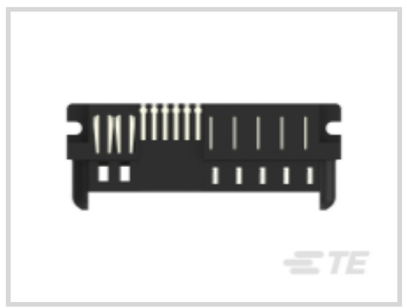
TE Internal #: 2334570-4

PCB Mount Receptacle, Right Angle, Board-to-Board, 31 Position, 2.54 mm / 5.5 mm [.1 in / .216 in] Centerline, Fully Shrouded, Gold (Au)

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles







PCB Connector Type: **PCB Mount Receptacle**

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

Number of Positions: **31**

Number of Rows: **4**

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 | 13 |
| Number of Loaded Positions | 31 |
| Number of Positions | 31 |
| Number of Rows | 4 |
| PCB Mount Orientation | Right Angle |

| | |
|---|---|
| Number of Power Positions | 7 |
| Number of Signal Positions | 24 |

## Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 60 VDC, 400 VDC |

## Body Features

| | |
|---|---|
| Primary Product Color | Black |

## Contact Features

| | |
|---|---|
| Contact Underplating Material | Nickel |
| 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 |

## 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 | 63.74 mm[2.5 in] |
| Row-to-Row Spacing | 2.54 mm[.1 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

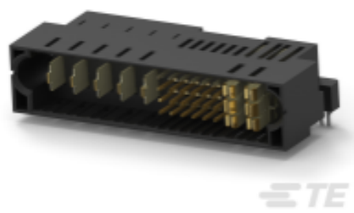
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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 | Wave solder capable to 265°C |

Product Compliance Disclaimer

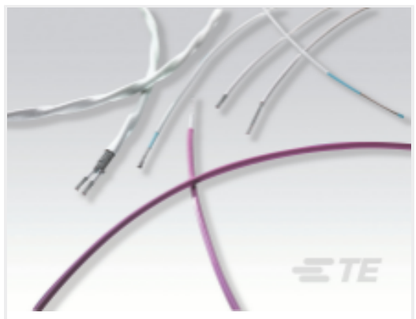
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

# Compatible Parts

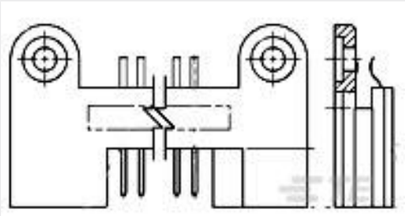


TE Part # 2334530-4
MBPLUS,R/A,PLUG,SOLDER,5LP + 24S + 2P

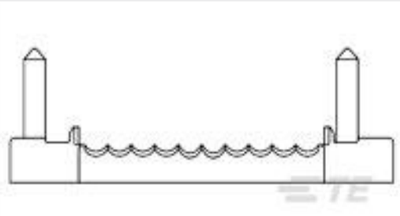
## Customers Also Bought



TE Part #8682963001
55A0112-24-2



TE Part #1-530785-5
BOX PIN HDR ASSY 20 PS 075 CL



TE Part #749108-3
40 50SR CBL CONN TERM COVER




TE Part #5-1633860-1
CRIMPER, WIRE F



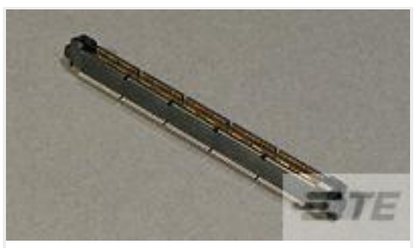
TE Part #2102453-1
CeeLok FAS-T, Recpt Assy PCB, Sq, Ni



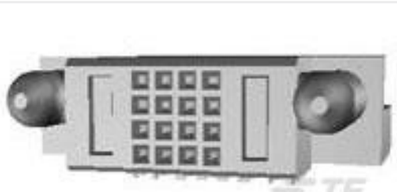
TE Part #2102453-3
CeeLok FAS-T, Recpt Assy PCB, Sq, Ni, A



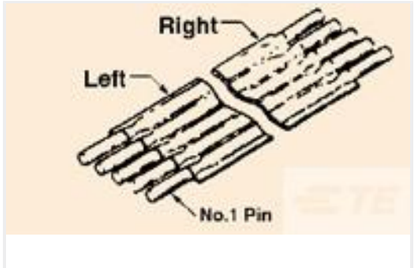
TE Part #2334530-4
MBPLUS,R/A,PLUG,SOLDER,5LP + 24S + 2P



TE Part #1-5767007-2
MICT,260PLUG,190,ASSY,.025,REC



TE Part #6450560-3
MBXL R/A RCPT 1P+16S+1P




TE Part #7-1437188-0
FST-23A-12V6

## Documents

### Product Drawings

MBPLUS,R/A,REC.,SOLDER,5LP + 24S + 2P

English

### CAD Files

Customer View Model

ENG_CVM_CVM_2334570-4_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2334570-4_A.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2334570-4_A.2d_dxf.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

## Product Specifications

### Application Specification

English