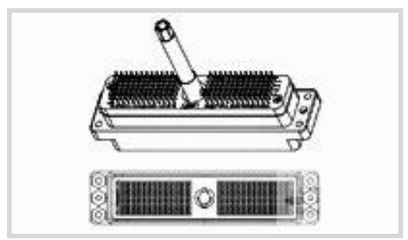
# 5353173-2 ✔ ACTIVE

TE Internal #: 5353173-2

PCB Mount Paddleboard Connector, Vertical, Wire-to-Board, 156 Position, .1 in Centerline, Unshrouded, Gold (Au), Through Hole - Solder, Power & Signal

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



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

Connector & Contact Terminates To: **Wire & Cable**

Contact Current Rating (Max): **.8 A**

Number of Positions: **156**

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

## Features

### Product Type Features

| | |
|---|---|
| Connector & Contact Terminates To | Wire & Cable |
| Connector System | Wire-to-Board |
| PCB Connector Type | PCB Mount Paddleboard Connector |
| Connector Product Type | Connector Assembly |
| Header Type | Unshrouded |
| Sealable | No |

### Configuration Features

| | |
|---|---|
| Number of Positions | 156 |
| Number of Rows | 10 |
| PCB Mount Orientation | Vertical |
| Number of Power Positions | 0 |
| Number of Signal Positions | 156 |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 250 VDC |

### Body Features

| | |
|---|---|
| Connector & Keying Code | Y |
| Primary Product Color | Black |

### Contact Features

| | |
|---|---|
| Contact Underplating Material | Nickel |
| Contact Layout | Matrix |
| Contact Current Rating (Max) | .8 A |
| Contact Mating Area Plating Material | Gold (Au) |
| Contact Type | Tab |
| PCB Contact Termination Area Plating Material | Gold |

## Termination Features

| | |
|---|---|
| Termination Method to PCB | Through Hole - Solder |

## Mechanical Attachment

| | |
|---|---|
| Mating Retention Type | Locking Latch |
| Panel Mount Feature Type | Mounting Hole |
| PCB Mount Retention Type | Mounting Hole |
| Mating Alignment Type | Guide Hole |
| PCB Mount Alignment Type | Standard Polarized Tail |
| Mating Retention | With |
| Mating Alignment | With |
| PCB Mount Alignment | Without |
| PCB Mount Retention | With |

## Housing Features

| | |
|---|---|
| | .1 in |
| Housing Material | Nylon Resin |

## Dimensions

| | |
|---|---|
| PCB Thickness (Recommended) | 1.6 mm[.063 in] |
| Row-to-Row Spacing | 2.54 mm[.1 in] |

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -55 – 85 °C[-67 – 185 °F] |

## Operation/Application

| | |
|---|---|
| Shielded | No |
| Circuit Application | Power & Signal |

## Industry Standards

| | |
|---|---|
| Compatible With Agency/Standards Products | UL |
| UL Rating | Recognized |

| | |
|---|---|
| Compatible With Approved Standards Products | UL E28476 |
| Glow Wire Rating | Standard Part - Not Glow Wire |
| UL Flammability Rating | UL 94V-0 |

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 5 |
| Packaging Method | Carton |

## Product Compliance

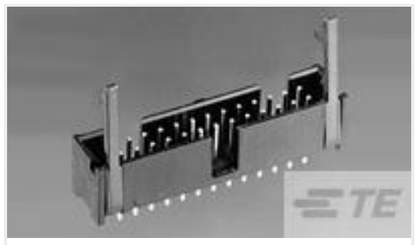
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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: JAN 2023 (233)<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 | Hand solderable with lead free solder |

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

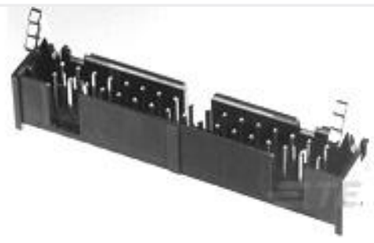
## Customers Also Bought



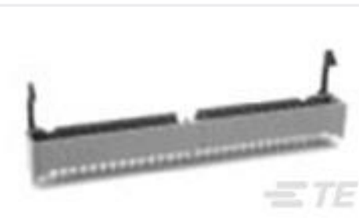
TE Part #104315-7
040 LOPRO HDR RA 30DP LATCH



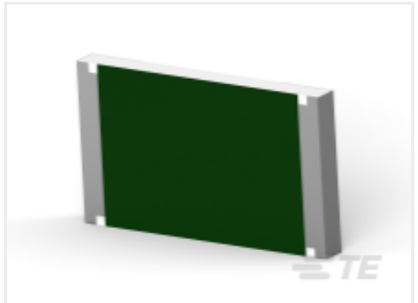
TE Part #1742375-1
TAB,FASON,.375 SERIES



TE Part #2-1761608-8
IDC LOW PRO HDR 24P VERT SHT L



TE Part #2-1761713-8
IDC LOW PRO HDR 24P VERT SHT L



TE Part #2176407-3
3560 16K 1%



TE Part #5-794620-0
20P MICRO MNL ASSY,R/A,HDR,LF



TE Part #3-1437653-6
6PCV-10-007=6PCV ASSEMBLY

## Documents

### Product Drawings

M-ZIF156P SHORT/SOLDER. PLUG ASSY

Japanese