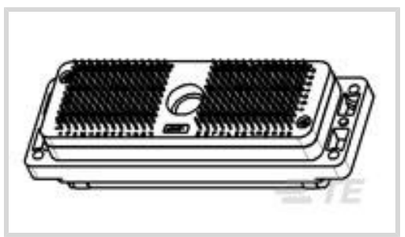
# 6612160-1 ✔ ACTIVE

TE Internal #: 6612160-1

PCB Mount Receptacle, Vertical, Wire-to-Board, 260 Position, .1 in Centerline, Fully Shrouded, Gold (Au), Through Hole - Solder, Power & Signal, Black

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



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

Connector & Contact Terminates To: **Printed Circuit Board**

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

Number of Positions: **260**

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

## Features

### Product Type Features

| | |
|---|---|
| Connector & Contact Terminates To | Printed Circuit Board |
| Connector System | Wire-to-Board |
| PCB Connector Type | PCB Mount Receptacle |
| Connector Product Type | Connector Assembly |
| Header Type | Fully Shrouded |
| Sealable | No |

### Configuration Features

| | |
|---|---|
| Number of Positions | 260 |
| Number of Rows | 10 |
| PCB Mount Orientation | Vertical |
| Number of Power Positions | 0 |
| Number of Signal Positions | 260 |

### 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 | Die Cast Zinc |

## 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 |
| Glow Wire Rating | Standard Part - Not Glow Wire |

| | |
|---|---|
| UL Flammability Rating | UL 94V-0 |

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 16 |
| Packaging Method | Tray |

## Product Compliance

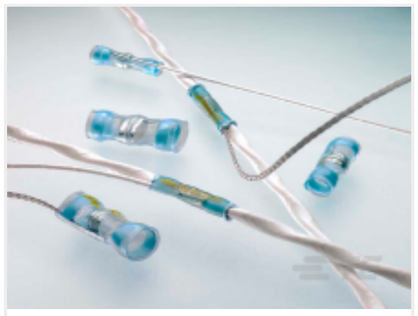
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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 240°C |

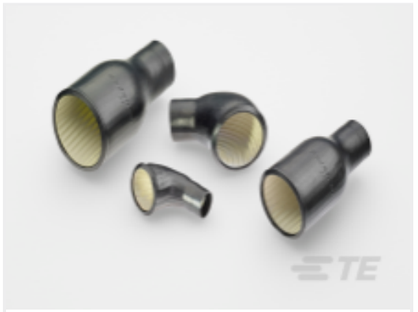
Product Compliance Disclaimer

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.

## Customers Also Bought



TE Part #CA7641-000
S200-3-9030



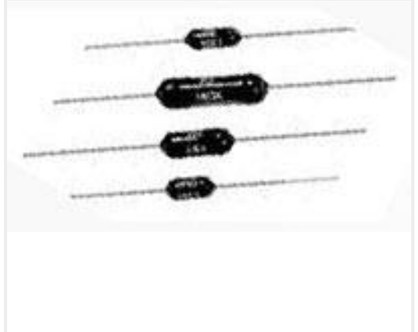
TE Part #EK7354-000
222S152-25C-G28-0



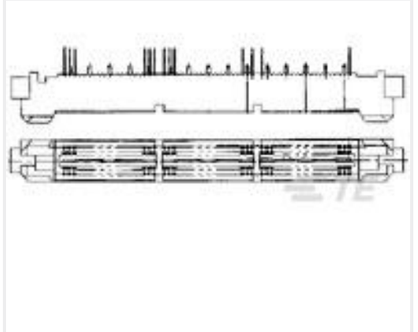
TE Part #YMC8016-W-11-02SN0
ARINC 801, TYPE 1 PLUG CONNECTOR



TE Part #2-1734795-2
RJ45,8P8C,SHD,G/G LED, W/ Panel, 15u"Au



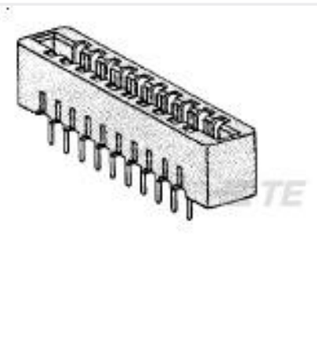
TE Part #1879621-4
H4P 13R 1% 50PPM



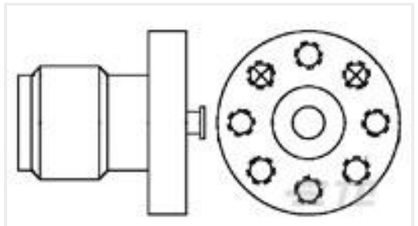
TE Part #5767039-6
MICTOR,RA PLUG,228,.093PCB,ASY



TE Part #6643431-1
ICCON,PIN,ASSY



TE Part #7-530666-6
CONN LOW PRO 22 POS 156X200C/L



TE Part #1053403-1
2066 1321 02

## Documents

### Product Drawings

M-ZIF REC ASSEMBLY 260P SPLDER L5.4MM TY

Japanese

### Product Specifications

Product Specification

English

M-ZIF Connector

English

M-ZIF Connector

Japanese

Product Specification

Japanese