# 104130-2 ✔ ACTIVE

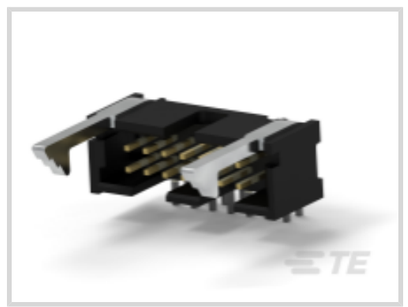
AMP-LATCH

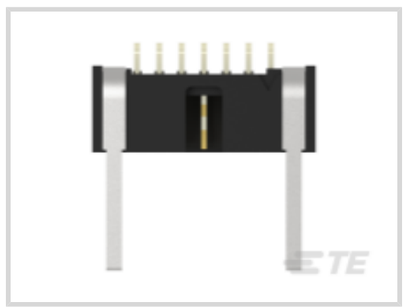
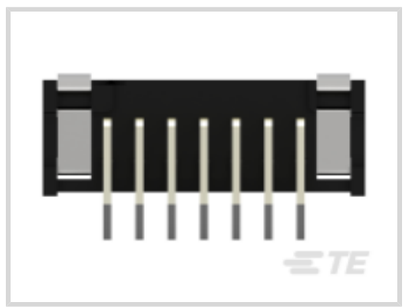
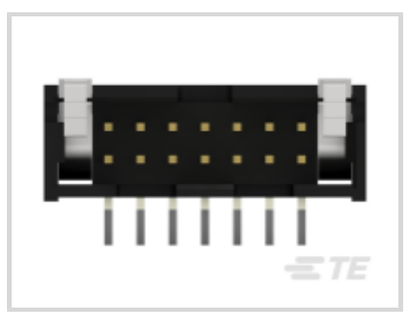
TE Internal #: 104130-2

Board-to-Board, 14 Position, 2.54 mm [.1 in] Centerline, Right Angle, Through Hole - Solder, 2 Row, Receptacle, Low Profile, Ribbon Cable Connectors

View on TE.com >

Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > Ribbon Cable Connectors



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

Number of Positions: **14**

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

PCB Mount Retention: **Without**

PCB Mount Orientation: **Right Angle**

## Features

### Product Type Features

| | |
|---|---|
| Connector Product Type | Connector Assembly |
| Ribbon Cable Connector Header Type | Pin Header |
| Connector System | Board-to-Board |
| Connector & Housing Type | Receptacle |
| Connector & Contact Terminates To | Printed Circuit Board |

### Configuration Features

| | |
|---|---|
| Number of Positions | 14 |
| PCB Mount Orientation | Right Angle |
| Number of Rows | 2 |

### Electrical Characteristics

| | |
|---|---|
| Insulation Resistance | 5000 MΩ |

### Body Features

| | |
|---|---|
| Daisy Chain | With |
| Primary Product Color | Black |

| | |
|---|---|
| Connector Profile | Low |

## Contact Features

| | |
|---|---|
| | 30 µin |
| Contact Underplating Material | Nickel |
| Mating Square Post Dimension | .64 mm[.025 in] |
| Contact Shape & Form | Square |
| PCB Contact Termination Area Plating Material Thickness | 2.54 µm[100 µin] |
| Contact Mating Area Plating Material | Gold (Au), Gold Flash, Gold Flash over Palladium Nickel |
| Contact Base Material | Copper Alloy |
| PCB Contact Termination Area Plating Material | Tin-Lead |
| Contact Type | Pin |
| Contact Current Rating (Max) | 1 A |

## Termination Features

| | |
|---|---|
| Termination Post & Tail Length | 3.43 mm[.135 in] |
| Square Termination Post & Tail Dimension | .64 mm[.025 in] |
| Termination Method to PCB | Through Hole - Solder |

## Mechanical Attachment

| | |
|---|---|
| Panel Mount Feature | Without |
| Mating Alignment | With |
| PCB Mount Alignment | Without |
| PCB Mount Retention | Without |
| Mating Alignment Type | Center, Dual Polarizing Bar |
| Mating Retention | With |
| Mating Retention Type | Ejection Latch |
| Connector Mounting Type | Board Mount |

## Housing Features

| | |
|---|---|
| Housing Material | Thermoplastic |
| Centerline (Pitch) | 2.54 mm[.1 in] |

## Dimensions

| | |
|---|---|
| Shrouded End Dimension | 3.81 mm[.15 in] |
| Connector Height | 9.77 mm[.38 in] |
| | |

| | |
|---|---|
| Connector Length | 15.24 mm[1 in] |
| Row-to-Row Spacing | 2.54 mm[.1 in] |

### Usage Conditions

| | |
|---|---|
| Housing Temperature Rating | Standard |
| Operating Temperature Range | -65 – 105 °C[-85 – 221 °F] |

### Operation/Application

| | |
|---|---|
| Solder Process Feature | Solder Dipped |
| Circuit Application | Signal |

### Industry Standards

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

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 96 |
| Packaging Method | Tray |

## Product Compliance

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

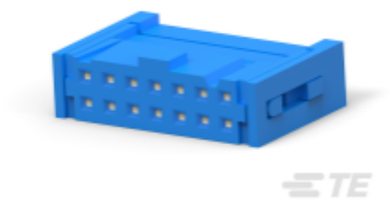
| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Not Compliant |
| EU ELV Directive 2000/53/EC | Not Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2024 (241)<br>SVHC > Threshold:<br>Pb (13% in Component Part)<br>**Article Safe Usage Statements:**<br>Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Not lead free process capable |

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

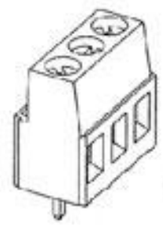
materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest 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 # 1658526-9
609-1441LF FEM SOCKT,LEAD FREE

## Customers Also Bought



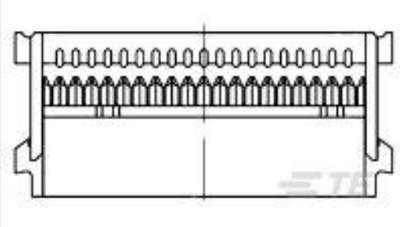
TE Part #282841-2
TERMI-BLOK PCB MOUNT 2P. 5



TE Part #1-1469492-8
MULTIGIG RT 9MM GUIDE/ESD 315 DEG



TE Part #2-1623927-6
CFR16 5% 1K2



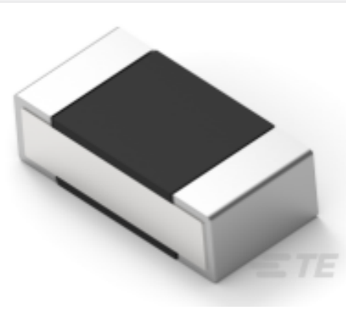
TE Part #1658526-5
609-1041LF FEM SOCKT,LEAD FREE



TE Part #1857724-4
Shield Finger, Loose Piece



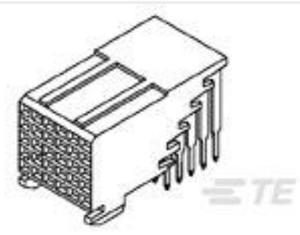
TE Part #2007132-1
SFP+ 1X4 Cage Assembly, Press-



TE Part #9-2176307-1
RP 1E 0.1W 107K 0.1% 25PPM 5K RL




TE Part #2267078-2
TMS1T5B2M2RE



TE Part #2321032-1
TERMINATOR, SMPM JACK, 50 OHM VITA 67

TE Part #5223004-2
FB-5R,ASY,060,SIG,REC,SL,2.73

## Documents

### Product Drawings

014 LOPRO HDR RA 30DP LATCH

English

## CAD Files

### 3D PDF

3D

**Customer View Model**

ENG_CVM_CVM_104130-2_H.2d_dxf.zip

English

**Customer View Model**

ENG_CVM_CVM_104130-2_H.3d_igs.zip

English

**Customer View Model**

ENG_CVM_CVM_104130-2_H.3d_stp.zip

English

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

## Product Specifications

### Product Specification

English

## Agency Approvals

### Agency Approval Document

English