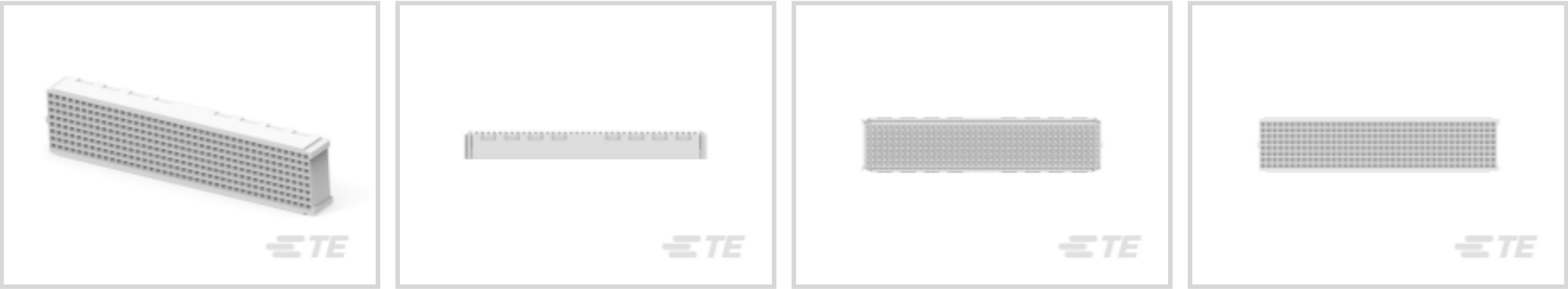




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**

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

Number of Positions: **320**

Number of Rows: **8**

Centerline (Pitch): **1.27 mm [ .05 in ]**

Features

Product Type Features

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

Configuration Features

|                              |          |
|------------------------------|----------|
| Number of Positions          | 320      |
| Number of Rows               | 8        |
| PCB Mount Orientation        | Vertical |
| Board-to-Board Configuration | Parallel |

Body Features

|                       |         |
|-----------------------|---------|
| Primary Product Color | Natural |
|-----------------------|---------|

Contact Features

|                                                |                 |
|------------------------------------------------|-----------------|
| Contact Mating Area Plating Material Thickness | 1.27 μm[50 μin] |
| Contact Mating Area Plating Material           | Gold (Au)       |
| Contact Type                                   | Socket          |
| Contact Current Rating (Max)                   | 1.5 A           |



Termination Features

|                           |                             |
|---------------------------|-----------------------------|
| Termination Method to PCB | Surface Mount - Solder Ball |
|---------------------------|-----------------------------|

Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Mating Alignment Type   | Keyed       |
| Connector Mounting Type | Board Mount |
| Mating Alignment        | With        |
| PCB Mount Alignment     | Without     |
| PCB Mount Retention     | Without     |

Housing Features

|                    |                 |
|--------------------|-----------------|
| Centerline (Pitch) | 1.27 mm[.05 in] |
| Housing Material   | LCP             |

Dimensions

|                    |                 |
|--------------------|-----------------|
| Row-to-Row Spacing | 1.27 mm[.05 in] |
| Stack Height       | 10 mm[.394 in]  |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 125 °C[-67 – 257 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Industry Standards

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

Packaging Features

|                  |             |
|------------------|-------------|
| Packaging Method | Tape & Reel |
|------------------|-------------|

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                   | Not Yet Reviewed                                                                                                               |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold                                                                        |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JAN 2024 (240)<br>Does not contain REACH SVHC |



|                           |                                            |
|---------------------------|--------------------------------------------|
| Halogen Content           | Not Yet Reviewed for halogen content       |
| Solder Process Capability | Not reviewed for solder process capability |

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 # 2102429-4  
Pin Assy, 320 Psn, LF, 30 AU, Mezalok

Also in the Series | Mezalok HSLF

Board-to-Board Headers & Receptacles(20)

PCB Headers & Receptacles(20)

Customers Also Bought

TE Part #T4144015041-000  
M12 R/A M PNL REAR A-CODE 4P  
PCBSTD

TE Part #6-1614891-5  
CPF 0805 340R 0.1% 25PPM 1K RL

TE Part #1625861-3  
RH73 2A 1G 30% 500PPM 1K RL

TE Part #2102429-1  
Pin Assy, 320 Psn, Tin Lead, Mezalok



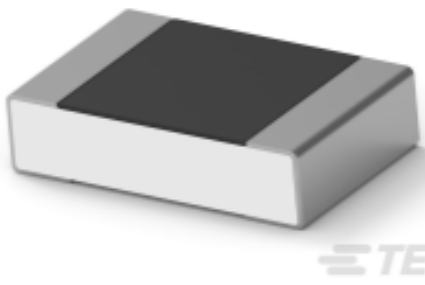




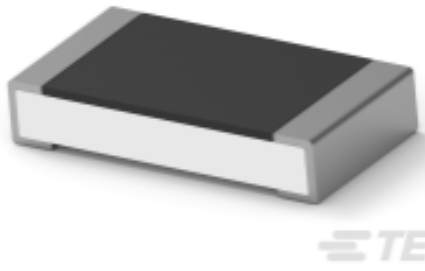
TE Part #2-2176052-9  
RLP73K 1J R75 5% 5K RL



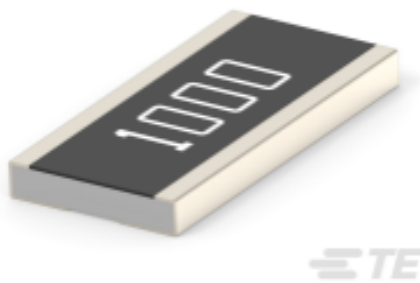
TE Part #8-2176089-1  
RP 1J 0.166W 80K6 0.1% 25PPM 1K RL



TE Part #4-2176373-9  
RQ 0805 31R6 0.1% 10PPM 1K RL



TE Part #6-2176384-3  
RQ 1206 475R 0.1% 10PPM 1K RL



TE Part #6-2176566-6  
3430 A3 1% 470R 100ppm 1k RL



TE Part #2467900-1  
RF TERMINATOR 2.4MM PLUG 50  
GHZ 1W SUS

Documents

Product Drawings

Mezalok, LF SKT, 320 p, 10 mm, 50 Au, LF

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2355827-2\_2.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2355827-2\_2.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2355827-2\_2.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Product Specification

English

Product Specification

English