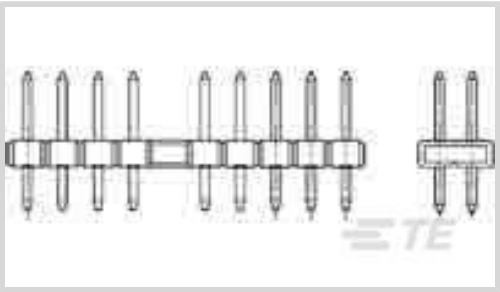




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **14**

Number of Rows: **2**

Features

Product Type Features

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

Configuration Features

|                                  |              |
|----------------------------------|--------------|
| Stackable                        | No           |
| Connector Contact Load Condition | Fully Loaded |
| PCB Mount Orientation            | Vertical     |
| Number of Positions              | 14           |
| Number of Rows                   | 2            |
| Board-to-Board Configuration     | Parallel     |

Electrical Characteristics

|                                       |         |
|---------------------------------------|---------|
| Dielectric Withstanding Voltage (Max) | 650 VAC |
| Operating Voltage                     | 200 VAC |

Body Features

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

Contact Features



|                                                      |                |
|------------------------------------------------------|----------------|
| Contact Mating Area Length                           | 4 mm[.158 in]  |
| Mating Square Post Dimension                         | .5 mm[.02 in]  |
|                                                      | 78.74 μin      |
| PCB Contact Termination Area Plating Material Finish | Matte          |
| Contact Shape & Form                                 | Square         |
| PCB Contact Termination Area Plating Material        | Tin            |
| Contact Base Material                                | Copper Alloy   |
| Contact Mating Area Plating Material                 | Gold           |
| Contact Mating Area Plating Material Thickness       | .203 μm[8 μin] |
| Contact Type                                         | Pin            |
| Contact Current Rating (Max)                         | 1 A            |

Termination Features

|                                  |                       |
|----------------------------------|-----------------------|
| Termination Post & Tail Diameter | .6 mm[.024 in]        |
| Termination Post & Tail Length   | 2.6 mm[.102 in]       |
| Termination Method to PCB        | Through Hole - Solder |

Mechanical Attachment

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

Housing Features

|                    |               |
|--------------------|---------------|
| Centerline (Pitch) | 2 mm[.079 in] |
| Housing Material   | Thermoplastic |

Dimensions

|                             |                   |
|-----------------------------|-------------------|
| Connector Height            | 1.75 mm[44.45 in] |
| Row-to-Row Spacing          | 2 mm[.079 in]     |
| PCB Thickness (Recommended) | 1.6 mm[.063 in]   |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 105 °C[-40 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

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

Industry Standards



|                                             |                       |
|---------------------------------------------|-----------------------|
| Compatible With Approved Standards Products | CSA LR7189, UL E28476 |
| UL Flammability Rating                      | UL 94V-0              |

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 1000 |
| Packaging Method   | Box  |

Other

|                            |   |
|----------------------------|---|
| Position Locations Omitted | 0 |
|----------------------------|---|

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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                  |
| 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 # 1-111623-9  
14, 2MM, POL,30 DP, LEAD FREE

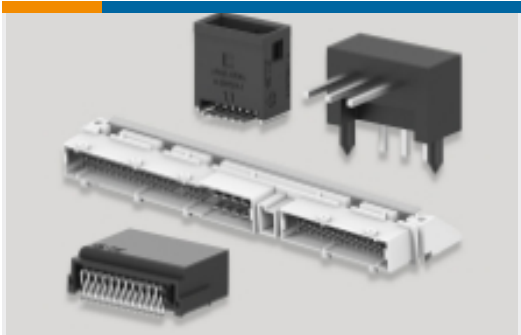


TE Part # 1-111626-8  
14, 2MM, 30 DP, LEAD FREE

Also in the Series | AMPMODU 2 mm



Connector Contacts(27)



PCB Headers & Receptacles(10387)



Wire-to-Board Connector Assemblies & Housings(202)

Customers Also Bought



TE Part #3-647166-3  
3P MTA100 HDR ASSY,SM,FL,LF



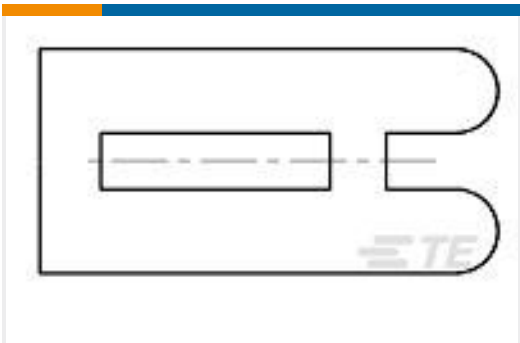
TE Part #6-103635-1  
12 MTE HDR SRRA LTCH.100CL LF



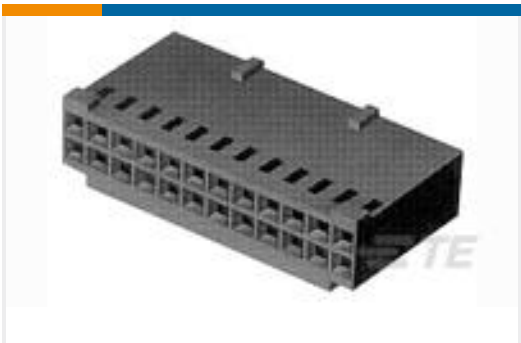
TE Part #292304-2  
STD USB TYPE B, R/A, T/H



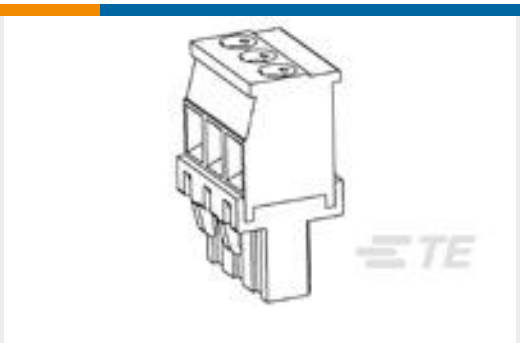
TE Part #215460-4  
MICRO-MATCH FEM.SE



TE Part #926498-3  
MOD2 KODIERSTUECK



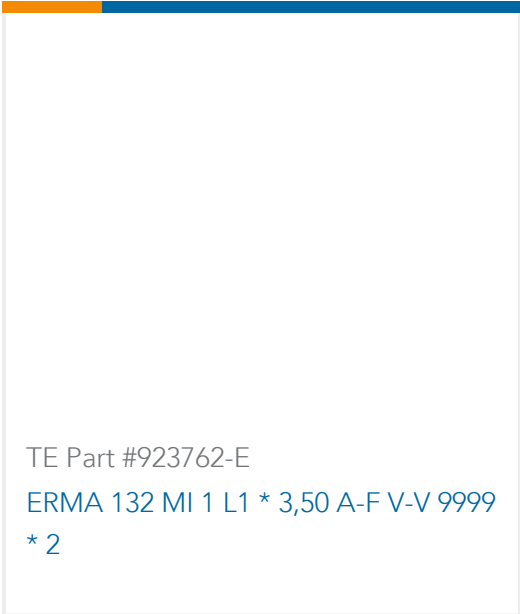
TE Part #87977-3  
10 MODIV HSG DR MRKD .100 POL



TE Part #284051-3  
TERMI-BLOK VERTICAL PLUG STACK



TE Part #6-146254-0  
20 MODII HDR DRST B/A .100CL



TE Part #923762-E  
ERMA 132 MI 1 L1 \* 3,50 A-F V-V 9999 \* 2



Documents

Product Drawings

AMPMODU 2MM V 14P AU:0.2 BLACK LF

English

CAD Files

Customer View Model

ENG\_CVM\_5176264-6\_O1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_5176264-6\_O1.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_5176264-6\_O1.2d\_dxf.zip

English

3D PDF

English

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

Datasheets & Catalog Pages

AMPMODU\_INTERCONNECTION\_SYSTEM\_SECTION3AND4

English