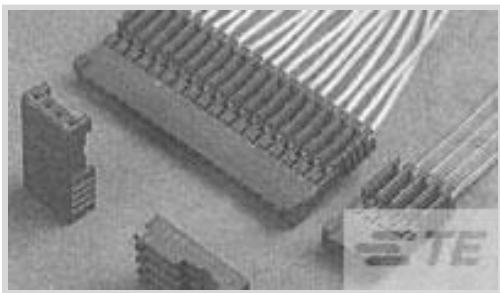




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings > HE13/HE14 IDC Receptacle, SRST, AWG24-2



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **5**

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

[All HE13/HE14 IDC Receptacle, SRST, AWG24-2 \(16\)](#)

Features

Electrical Characteristics

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

Industry Standards

|                        |                               |
|------------------------|-------------------------------|
| UL Flammability Rating | UL 94V-0                      |
| Glow Wire Rating       | Standard Part - Not Glow Wire |

Packaging Features

|                  |                   |
|------------------|-------------------|
| Packaging Method | Loose Piece, Bulk |
|------------------|-------------------|

Contact Features

|                               |                 |
|-------------------------------|-----------------|
| Contact Underplating Material | Nickel          |
| Contact Layout                | Inline          |
| Contact Base Material         | Phosphor Bronze |
| Contact Type                  | Socket          |
| Contact Current Rating (Max)  | 3 A             |

Mechanical Attachment

|                     |         |
|---------------------|---------|
| Strain Relief       | Without |
| Panel Mount Feature | Without |
| PCB Mount Retention | Without |



|                         |                            |
|-------------------------|----------------------------|
| Mating Retention        | With                       |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Dimensions

|                                      |                  |
|--------------------------------------|------------------|
| Compatible Insulation Diameter Range | 1.2 mm[.047 in]  |
| Connector Height                     | 17.8 mm[.701 in] |
| Wire Size                            | 26 – 24 AWG      |
| Connector Length                     | 13.5 mm[.531 in] |
| Row-to-Row Spacing                   | 2.54 mm[.1 in]   |

Housing Features

|                             |                  |
|-----------------------------|------------------|
| Housing Material            | PBT GF           |
| Housing Entry Configuration | Both Ends Closed |
| Centerline (Pitch)          | 2.54 mm[.1 in]   |

Product Type Features

|                                   |                    |
|-----------------------------------|--------------------|
| Connector Product Type            | Connector Assembly |
| Connector & Housing Type          | Receptacle         |
| Connector System                  | Wire-to-Board      |
| Sealable                          | No                 |
| Connector & Contact Terminates To | Wire & Cable       |

Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 5 |
| Number of Rows      | 1 |

Body Features

|                       |      |
|-----------------------|------|
| Primary Product Color | Blue |
|-----------------------|------|

Termination Features

|                                    |                               |
|------------------------------------|-------------------------------|
| Termination Method to Wire & Cable | Insulation Displacement (IDC) |
|------------------------------------|-------------------------------|

Usage Conditions

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

Operation/Application

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

Other

|                    |           |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
|--------------------|-----------|



EU ELV Compliance

Compliant

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                     | Not applicable 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>

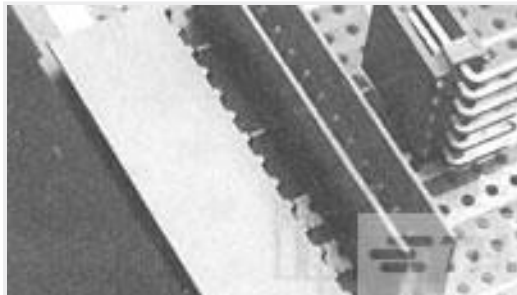
Compatible Parts



TE Part # 1-528015-6  
PISTOL GRIP HANDLE



TE Part # 8-1579007-7  
EXTRACTION TOOL



TE Part # 281699-5  
HEADER HE13 RA 5 P



TE Part # 281696-5  
HEADER HE13 STRAIGHT 5 P

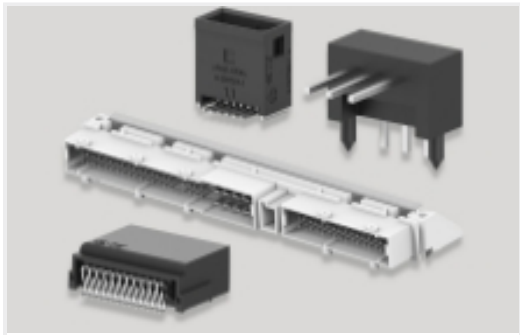
Also in the Series | AMPMODU HE 13/HE 14



Connector Contacts(4)



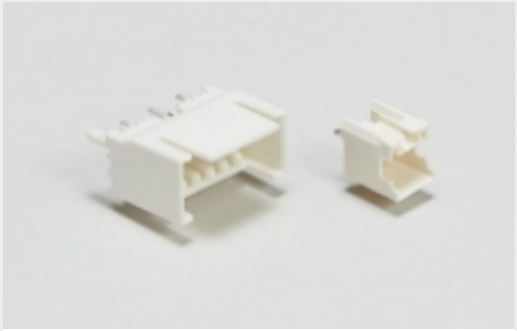
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(66)



Wire-to-Board Connector Assemblies & Housings(58)



Wire-to-Board Headers & Receptacles (66)

Customers Also Bought



TE Part #166054-1  
HD20 PIN CONTACT



TE Part #166052-1  
TD 20 F CRIMP SOCKET WIRE SIZE



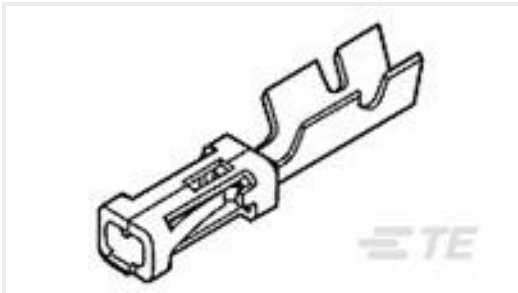
TE Part #3-640426-4  
04P MTA156 CONN ASSY 18AWG ORA



TE Part #4-1393224-9  
RY211024



TE Part #60319-2  
AMPLIVAR RG 23-19 10 TPBR



TE Part #167300-8  
MOD-4 REC.CONTACT



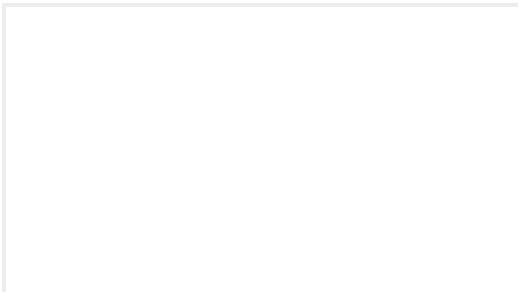
TE Part #1903526-1  
IE RJ45 CONNECTOR IP20 4POS 180DEG



TE Part #1-1337434-0  
BNC RM BHJ Hex 50Ohm Silver Pltd RG58C/U



TE Part #BSA896N0086202A000  
917 PLUG



TE Part #1SNA094305R2400  
CPFT2/5

Documents



Product Drawings

PLUG HE13 IDC 180 5 P AWG 26-24

English

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_281784-5\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_281784-5\_C.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_281784-5\_C.2d\_dxf.zip

English

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

Product Specifications

Application Specification

English