



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **14**

Centerline (Pitch): **1.25 mm [ .049 in ]**

Features

Product Type Features

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

Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 14 |
| Number of Rows      | 1  |

Electrical Characteristics

|                                       |         |
|---------------------------------------|---------|
| Dielectric Withstanding Voltage (Max) | 250 VAC |
| Insulation Resistance                 | 100 MΩ  |
| Operating Voltage                     | 100 VAC |

Body Features

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

Contact Features



|                              |              |
|------------------------------|--------------|
| Contact Layout               | Inline       |
| Contact Type                 | Socket       |
| Contact Base Material        | Copper Alloy |
| Contact Current Rating (Max) | 1 A          |

Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

|                         |                            |
|-------------------------|----------------------------|
| Strain Relief           | Without                    |
| Panel Mount Feature     | Without                    |
| PCB Mount Retention     | Without                    |
| Mating Retention Type   | Detent                     |
| Mating Retention        | With                       |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Housing Features

|                             |                  |
|-----------------------------|------------------|
| Housing Entry Configuration | Both Ends Closed |
| Housing Material            | Thermoplastic    |
| Centerline (Pitch)          | 1.25 mm[.049 in] |

Dimensions

|                  |                   |
|------------------|-------------------|
| Connector Length | 19.25 mm[.758 in] |
| Connector Height | 3.15 mm[.124 in]  |
| Connector Width  | 3.95 mm[.156 in]  |
| Wire Size        | 32 – 28 AWG       |

Usage Conditions

|                             |                           |
|-----------------------------|---------------------------|
| Operating Temperature Range | -40 – 85 °C[-40 – 185 °F] |
|-----------------------------|---------------------------|

Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Industry Standards

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

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 1000 |
|--------------------|------|



Packaging Method

Bag/Carton

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                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free                                             |
| 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 # CAT-H857-H342125  
AMP HPI 1.25 mm Headers



TE Part # 440147-2  
1.0 WTB Terminal 30u" Au

Also in the Series | MIS





Connector Contacts(1)



PCB Headers & Receptacles(23)



Wire-to-Board Connector Assemblies & Housings(11)

Customers Also Bought



TE Part #4-1879463-7  
RL73H 2E R82 1% 1K RL



TE Part #1825059-5  
ADF02ST04=DIP SWT,FLUSH,SMT-GW



TE Part #2337822-1  
DISCR.ETH.MAG. 10/100 SINGLE SMT



TE Part #2355172-2  
2P,2MM,BRK HDR,SRVT,2.8,0.1AU,BOX



TE Part #2331373-1  
DET SW3.50X2.8X1.5 JB VERT. NO AG RL



TE Part #2331395-1  
DET SW4.7X3.5X2.25 GW VERT. NOH AG RL



TE Part #2331401-1  
DET SW6.0X4.85X2.0 GW HORZ.(L) NO AG RL



TE Part #ANT-W63-MON-RPS  
Antenna MON Wifi6/6E Swivel SMA



TE Part #440147-2  
1.0 WTB Terminal 30u" Au

Documents

Product Drawings

1.25mm WTB Socket,Housing,14p

English

CAD Files

Customer View Model

ENG\_CVM\_1-440146-4\_B.2d\_dxf.zip

English

Customer View Model



[ENG\\_CVM\\_1-440146-4\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1-440146-4\\_B.3d\\_stp.zip](#)

English

3D PDF

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-440146-4\\_B1.2d\\_dxf.zip](#)

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Customer View Model

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3D PDF

3D

Customer View Model

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English

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Datasheets & Catalog Pages

[HPI Connectors QRG](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

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