# 440146-9 ✔ ACTIVE

MIS

TE Internal #: 440146-9

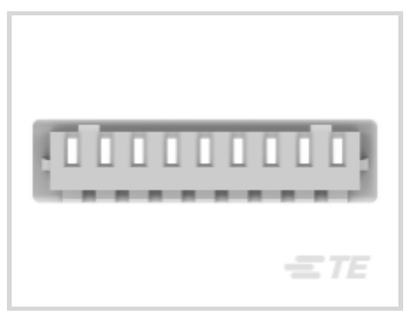
MIS, Housing, Receptacle, Wire-to-Board, 9 Position, 1.25mm [.049in] Centerline, Crimp, 1 Row, Natural Housing Color, Mating Retention, Wire & Cable

View on TE.com >

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: **9**

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 | 9 |
| Number of Rows | 1 |

### Electrical Characteristics

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

### 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] |
| Housing Color | Natural |

## Dimensions

| | |
|---|---|
| Connector Length | 13 mm[.519 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][-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

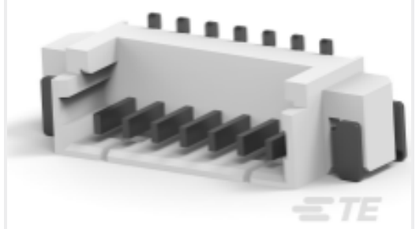
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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: JAN 2021 (211)<br>Candidate List Declared Against: JAN 2021 (211)<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 1.25MM HEADERS



TE Part # 1734193-1
WTB Socket,Terminal 80u" Tin



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

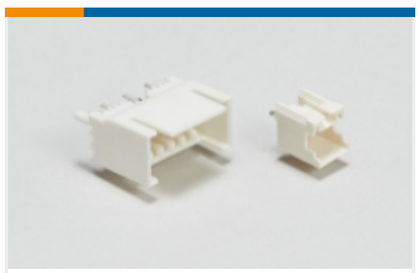
## Also in the Series | MIS



Wire-to-Board Connector Assemblies & Housings(25)

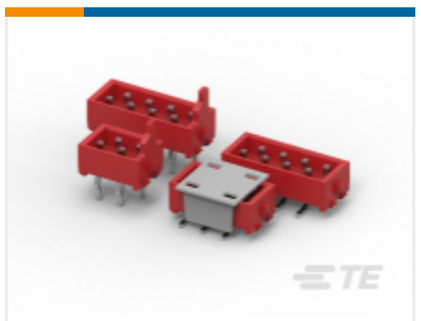


Wire-to-Board Connector Contacts(3)

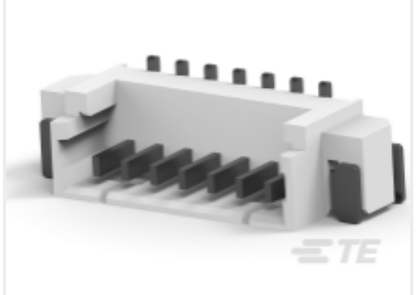


Wire-to-Board Headers & Receptacles (23)

## Customers Also Bought



TE Part #1-215464-6
MALE-ON-BOARD CONNECTOR



TE Part #1734261-9
AMP HPI 1.25MM HEADERS



TE Part #1542618-2
XFP MSA SAN APPLICATION



TE Part #1-87309-4
MOD V RECP LP



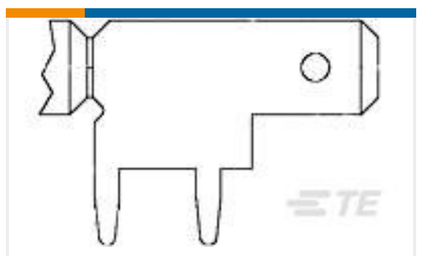
TE Part #1-440146-0
1.25mm WTB Socket,Housing,10p



TE Part #120526-1
1FHP,64,30A/P,S,N,S09,11,14



TE Part #1-2176363-8
RQ 0402 649R 0.1% 10PPM 5K RL



TE Part #1217061-1
187 FASTON,FLAG,TAB,TNBR



TE Part #9-103325-0
40 MODII HD SRRA B/A .100CL,LF

## Documents

### Product Drawings

1.25mm WTB Socket,Housing,9p

English

### CAD Files

Customer View Model

ENG_CVM_440146-9_B.3d_igs.zip

English

Customer View Model

ENG_CVM_440146-9_B.3d_stp.zip

English

Customer View Model

ENG_CVM_440146-9_B.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

HPI Connectors QRG

English

## Product Specifications

Application Specification

English

## Agency Approvals

UL

English