1-177537-0 ✔ ACTIVE

MIS

TE Internal #: 1-177537-0

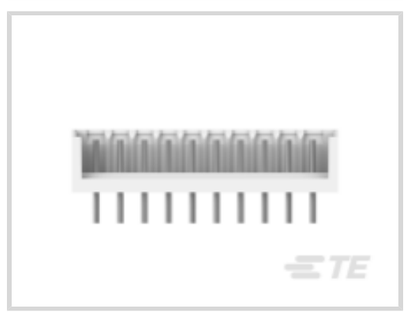
MIS, PCB Mount Header, Vertical, Wire-to-Board, 10 Position, 2.5 mm [.098in] Centerline, 1 Row, Pre-Tin, Natural Housing Color, Partially Shrouded

View on TE.com >

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Headers & Receptacles







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

PCB Mount Orientation: **Vertical**

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

Number of Positions: **10**

Centerline (Pitch): **2.5 mm [.098 in]**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Partially Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	10
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC

Contact Features

Contact Mating Area Length	3.4 mm[.134 in]
Contact Retention Within Housing	Without

Mating Pin Diameter	.6 mm[.024 in]
Contact Shape & Form	Rounded
PCB Contact Termination Area Plating Material	Pre-Tin
Contact Base Material	Brass
Contact Mating Area Plating Material	Pre-Tin
Contact Type	Pin
Contact Current Rating (Max)	4 A

Termination Features

Round Termination Post & Tail Diameter	.6 mm[.024 in]
Termination Post & Tail Length	3.17 mm[.125 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Strain Relief	Without
Mating Alignment Type	Polarization
Mating Alignment	With
Panel Mount Feature	Without
PCB Mount Retention Type	Boardlock
Mating Retention Type	Polarized Lock
PCB Mount Alignment	Without
Mating Retention	With
PCB Mount Retention	With
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.5 mm[.098 in]
Housing Color	Natural
Housing Material	66 Nylon

Dimensions

Connector Length	27.5 mm[1.083 in]
Connector Height	6.48 mm[.255 in]
PCB Thickness (Recommended)	1 – 1.6 mm[.039 – .063 in]

Usage Conditions

Operating Temperature Range	-25 – 105 °C[-25 – 221 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	500
Packaging Method	Loose Piece

Product Compliance

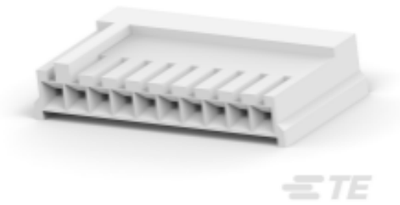
For compliance documentation, visit the product page on TE.com>

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) Candidate List Declared Against: JAN 2021 (211) 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	Wave solder capable to 265°C

Product Compliance Disclaimer

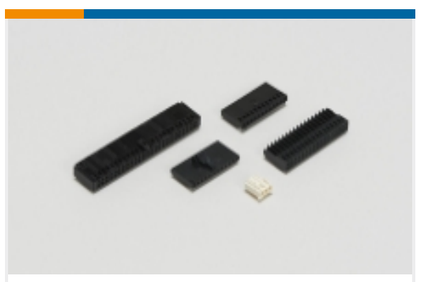
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1-171822-0
EIS REC. HSG 10P-NATURAL

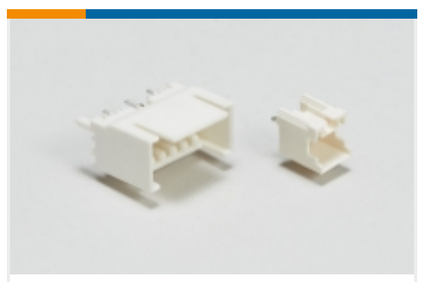
Also in the Series | MIS



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

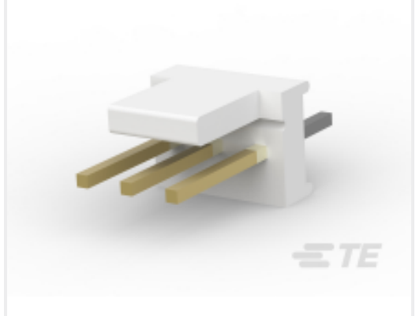


Wire-to-Board Connector Contacts(3)



Wire-to-Board Headers & Receptacles (23)

Customers Also Bought



TE Part #1-640454-0
Polyester Vertical PCB Header: 2.54 mm, With Mating Alignment, Unshrouded



TE Part #1-5179029-0
Free Height Plug Connector: Board-Board, Vertical, 200, 0.8mm



TE Part #1-66507-0
D-Sub Connector Contacts: Pin, Brass, Signal, Size 20



TE Part #1623795-5
Wirewound Resistor: Horizontal Mount



TE Part #1-794407-0
MINI UMNL SOK 20-16 AWG AU LF



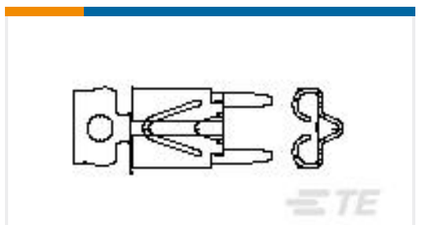
TE Part #1658019-3
MSB0.80PL25ASY120FL,-,10,-TY



TE Part #9-1879672-4
H8 93R1 0.1% 25PPM



TE Part #1-5227079-6
COMM BNC PLUG



TE Part #1217080-1
FASTON 205/250 PCB MOUNTED TPBR



TE Part #1624122-3
MRS 4X 0603 7K5 0.1% 25PPM

Documents

Product Drawings

2.5 M.I.S POST HDR ASSY 10P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-177537-0_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-177537-0_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-177537-0_G.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

CSA Certificate

English