5-1375582-5 ✔ ACTIVE

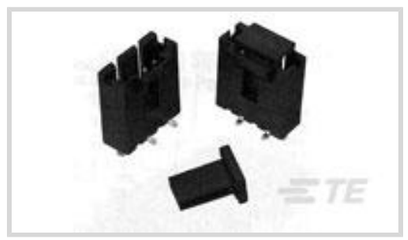
AMPMODU | AMPMODU MTE

TE Internal #: 5-1375582-5

PCB Mount Header, Vertical, Wire-to-Board, 6 Position, 2.54 mm [.1 in] Centerline, Fully Shrouded, Gold, Surface Mount, Signal, Black, AMPMODU MTE

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



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

Number of Positions: **6**

Number of Rows: **1**

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

PCB Mount Orientation: **Vertical**

Features

Product Type Features

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

Configuration Features

Number of Positions	6
Number of Rows	1
PCB Mount Orientation	Vertical

Electrical Characteristics

Termination Resistance	15 mΩ
Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	600 V
Operating Voltage	250 VAC

Body Features

Primary Product Color	Black

Contact Features

Mating Square Post Dimension	.64 mm[.025 in]

PCB Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.381 µm[15 µin]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Square
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Mating Area Plating Material	Gold
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

Mating Alignment Type	Latched, Polarization
Mating Retention	With
PCB Mount Retention Type	Hold-Down
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	With

Housing Features

Housing Material	LCP (Liquid Crystal Polymer)
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]

Usage Conditions

Housing Temperature Rating	High
Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]

Operation/Application

Assembly Process Feature	Pick and Place Cover
Circuit Application	Signal

Industry Standards

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

Packaging Features

Packaging Quantity	100
Packaging Method	Reel/Box

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) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Reflow solder capable to 260°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 # 5-103960-5
4X6 MTE RCPT SR LATCH .100CL



TE Part # 5-103957-5
4X6 MTE RCPT SR LATCH .100CL



TE Part # 5-103969-5
4X6 MTE RCPT SR RIBBED .100CL

Also in the Series | AMPMODU MTE



Connector Caps & Covers(40)



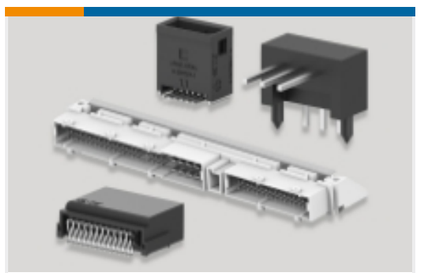
Connector Contacts(32)



Connector Hardware(1)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(763)



Standard Rectangular Connectors(2)

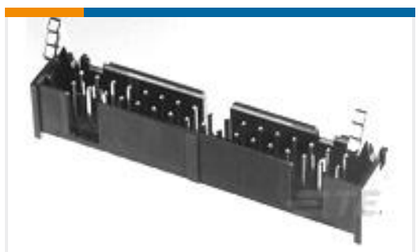


Wire-to-Board Connector Assemblies & Housings(585)

Customers Also Bought



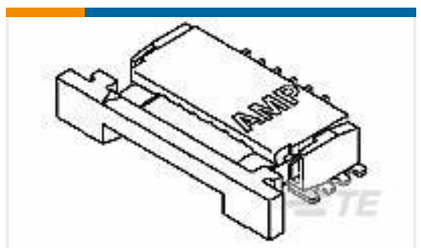
TE Part #2-179552-2
DYNAMIC D-3200S TAB HSG 2P K/Y



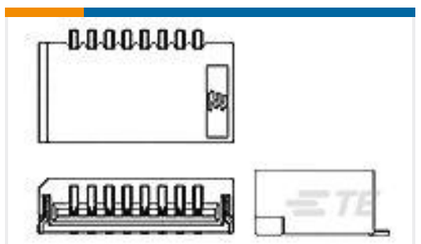
TE Part #1761606-5
IDC LOW PRO HDR 14P VERT LG LA



TE Part #5-104362-3
04 MTE HDR SRST LATCH W/HLDWN



TE Part #84952-8
1MM FPC HORZ.BTTM CONT.ASS.8P



TE Part #84981-8
1MM FFC SMT H ASSY 8P EMBOSS



TE Part #HD36-18-14PN-059
PLG,14P,AL,N, CBL CLMP BT, DRAIN, 16,P,MC



TE Part #1-2267795-5
CA, MTE FOW-FOW, 6POS, 300mm 15Au, 24AWG

TE Part #WXE2400SM
DUCK,WXE,SMAM

Documents

Product Drawings

06 MTE VERTICAL SMT HDR 15 AU

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-1375582-5_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-1375582-5_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-1375582-5_F.3d_stp.zip

English

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Datasheets & Catalog Pages

AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT

English

AMPMODU MTE INTERCONNECT SYSTEM

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Product Specifications

Application Specification

English

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TE Connectivity:

2-292161-3 3631B101LL 650075-000 1743455-2 175977-2 2310537-1 MPT100C18RF SBCHE154R7K
1393431-1 141991-2 936348-1 CPF0402B37K4E1 ROX05SJ18R U5254-000005-030PA 2377783-2
CRGCQ2010J3K3 3430B2F51RTDF SMW73R0JT 1903112-2 917696-1 RH73H2A40MKTN TE50BR39J
1969656-1 2005330-1 3-1393225-0 SBCHE64R7K 2834055-1 1-794222-0 1-962915-1 2380312-2