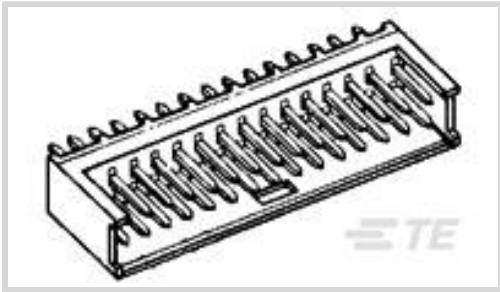




Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Vertical**

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

Number of Positions: **18**

Number of Rows: **2**

Features

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	750 V
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Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
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Packaging Features

Packaging Quantity	400
Packaging Method	Box

Usage Conditions

Housing Temperature Rating	Standard
Operating Temperature Range	-40 – 80 °C[-40 – 176 °F]

Body Features

Connector Profile	Standard
Primary Product Color	Black

Mechanical Attachment

Panel Mount Feature	Without
Mating Retention	With
Mating Alignment Type	Polarization
PCB Mount Retention	Without
PCB Mount Alignment	Without



Connector Mounting Type	Board Mount
Mating Alignment	With
Termination Features	
Termination Post & Tail Length	3.5 mm[.138 in]
Termination Method to PCB	Through Hole - Solder
Contact Features	
Contact Shape & Form	Round
PCB Contact Termination Area Plating Material Thickness	3.5 µm
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Bright
Contact Mating Area Plating Material	Tin
Contact Type	Pin
Housing Features	
Housing Material	Thermoplastic
Centerline (Pitch)	2.54 mm[.1 in]
Configuration Features	
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	18
Number of Rows	2
Product Type Features	
PCB Connector Assembly Type	PCB Mount Header
Connector System	Board-to-Board
Header Type	Partially Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Operation/Application	
Circuit Application	Power & 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) 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	Wave solder capable to 265°C

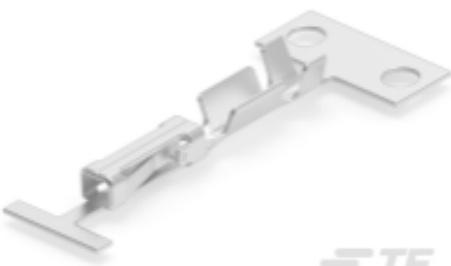
Product Compliance Disclaimer

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 # 280530-4
MOD2 BUCHSE



TE Part # 281556-2
20AWG MOD 2 CRIMP TIN PLATE

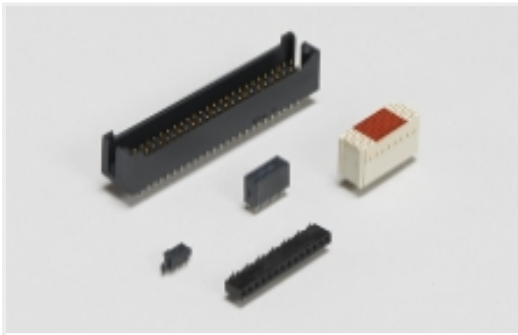


TE Part # 280513
AMPMODU II REC. HSG, DUAL ROW,
18 POS

Also in the Series | [AMPMODU Headers](#)



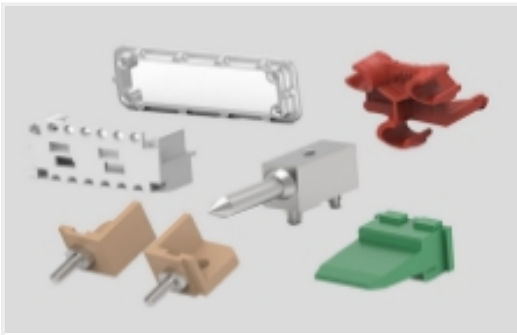
Automotive Headers(3)



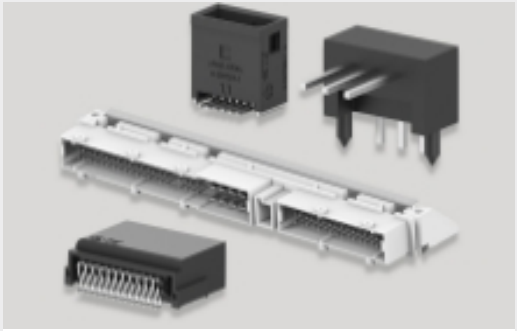
Board-to-Board Headers & Receptacles(1571)



Connector Contacts(52)



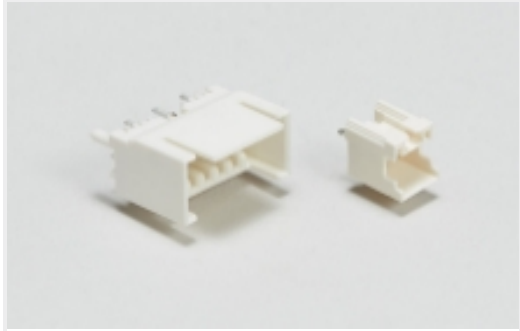
Connector Hardware(1)



PCB Headers & Receptacles(1618)

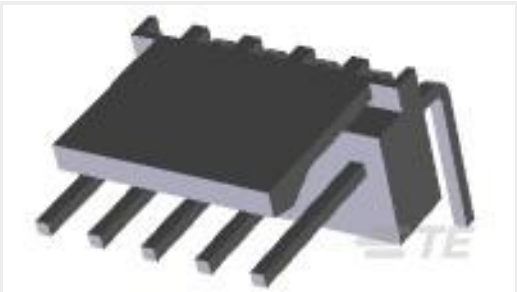


Wire-to-Board Connector Assemblies & Housings(5)

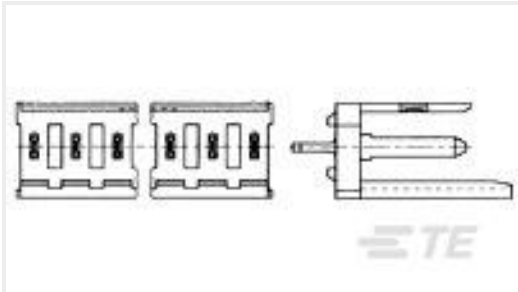


Wire-to-Board Headers & Receptacles (116)

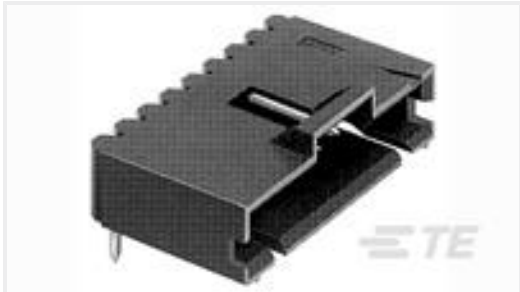
Customers Also Bought



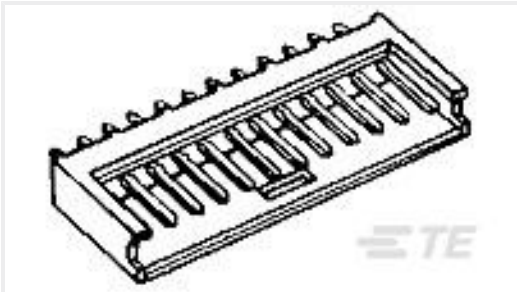
TE Part #3-647630-5
05P MTA100 HRD ASSY F/L LF



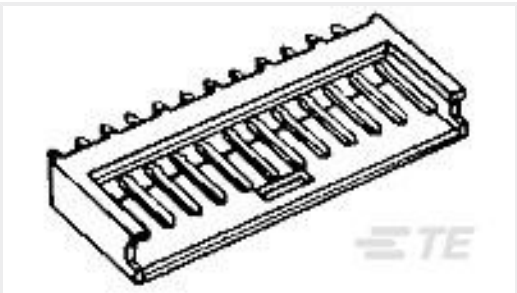
TE Part #280616-1
4P MOD 1 P.S.ASSY.



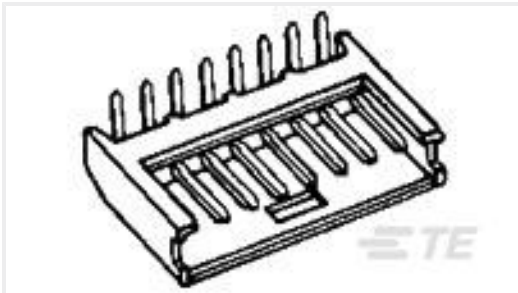
TE Part #5-103634-2
03 MTE HDR SRRA LATCH.100CL LF



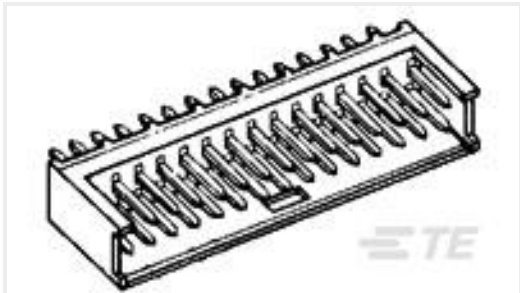
TE Part #280372-1
6P AMPMODU II SHRD HDR, ST, TIN



TE Part #280373-1
8P AMPMODU II SHRD HDR, ST, TIN



TE Part #280379-1
6P AMPMODU II SHRD HDR, RT ANG, TIN



TE Part #280384-1
2X4P AMPMODU II SHRD HDR, ST, TIN



TE Part #1571407-2
R/A SEALED TACT SWITCH,T&R TIN



TE Part #284810-E
M12 MALE, A CODE, 8P, 10.5MM SMT



TE Part #484924-E
M12 MALE, A CODE, 5P, 10.5MM SMT

Documents



Product Drawings

BARRE MODU 2 2X 9

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_280509-1_S_c-280509-1-s.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_280509-1_S_c-280509-1-s.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_280509-1_S_c-280509-1-s.3d_stp.zip

English

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

Agency Approvals

UL

English