280380-2 ✔ ACTIVE

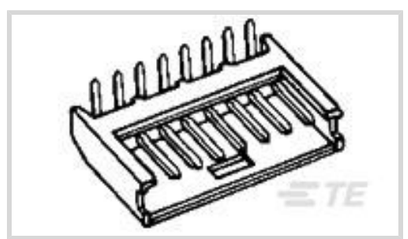
AMPMODU | AMPMODU Headers

TE Internal #: 280380-2

PCB Mount Header, Right Angle, Board-to-Board, 8 Position, 2.54 mm [.1 in] Centerline, Partially Shrouded, AMPMODU Headers

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **8**

Number of Rows: **1**

Features

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	750 V

Dimensions

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

Packaging Features

Packaging Quantity	500
Packaging Method	Box

Usage Conditions

Housing Temperature Rating	Standard
Operating Temperature Range	-65 – 105 °C[-85 – 221 °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	2.5 µm
Contact Base Material	Brass
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	.381 µm[15 µin]
Contact Mating Area Plating Material	Gold Flash over Palladium Nickel
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	Right Angle
Number of Positions	8
Number of Rows	1

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

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

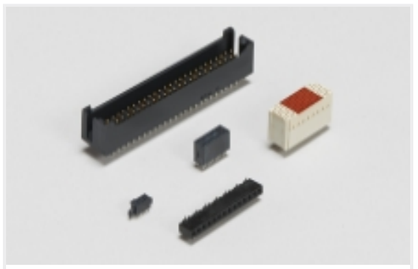


TE Part # 280361
AMPMODU II REC. HSG, SINGLE ROW 8 POS

Also in the Series | AMPMODU Headers



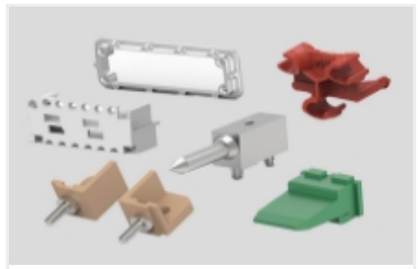
Automotive Headers(3)



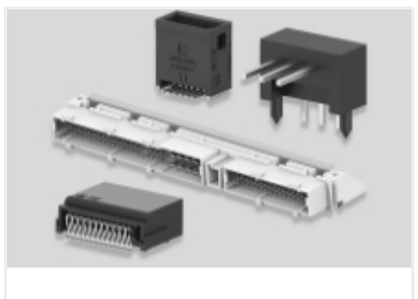
Board-to-Board Headers & Receptacles(1571)



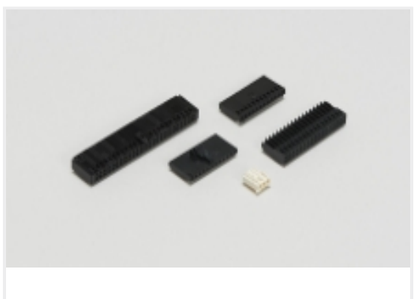
Connector Contacts(52)



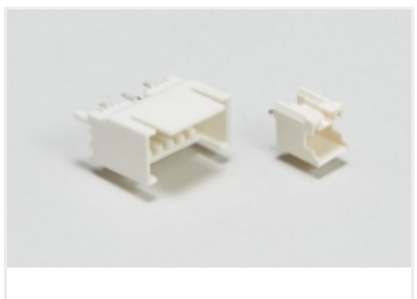
Connector Hardware(1)



PCB Headers & Receptacles(1618)

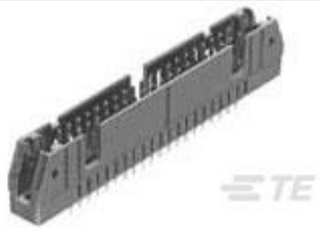


Wire-to-Board Connector Assemblies & Housings(5)

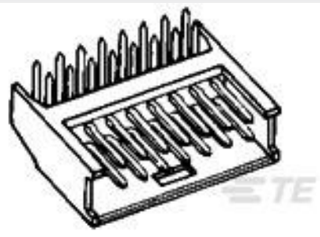


Wire-to-Board Headers & Receptacles (116)

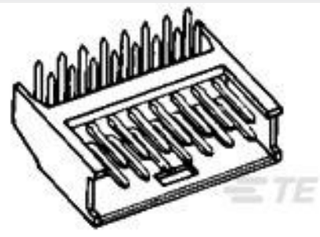
Customers Also Bought



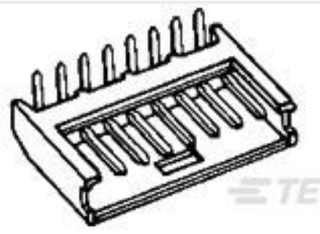
TE Part #1658694-5
AMP-LATCH UNV HDR,64 POSN,VERT



TE Part #280522-2
2X12P MODU II SHRD HDR, RT ANG, AU



TE Part #280390-2
2X8P MODU II SHRD HDR,RT ANG, 0.38AU



TE Part #280377-2
2P MODU II SHRD HDR,RT ANG, 0.38 AU



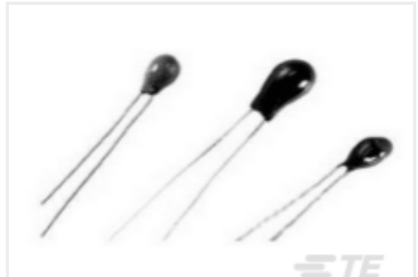
TE Part #1614746-1
RN 0805 249K 0.5% 50PPM 1K RL



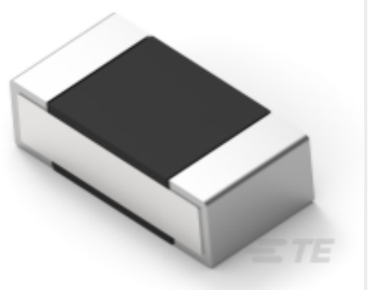
TE Part #3-1676915-1
YR1 0.1% 88K7



TE Part #1617108-4
HCD-26B = .100 Grid w/Diode Co



TE Part #11028730-00
44030RC,THERM,ROHS



TE Part #2299940-6
ZQSFP+ STACKED REC ASSEMBLY 2X1,HS

TE Part #2-2176306-3
RP 1E 0.1W 1K96 0.1% 25PPM 5K RL

Documents

Product Drawings

8P MODU II SHRD HDR,RT ANG, 0.38AU

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_280380-2_S_c-280380-2-s.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_280380-2_S_c-280380-2-s.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_280380-2_S_c-280380-2-s.3d_stp.zip

English

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

Datasheets & Catalog Pages

1773393_ AMPMODU_EUROPEAN_STANDARD_PRODUCTS

English