280371-3 ✓ ACTIVE

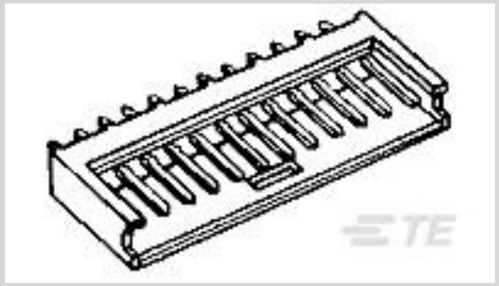
AMPMODU | AMPMODU Headers

TE Internal #: 280371-3

PCB Mount Header, Vertical, Board-to-Board, 4 Position, 2.54 mm [.1 in] Centerline, Partially Shrouded, Gold, Through Hole - Solder, AMPMODU Headers

View on TE.com >

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: **4**

Number of Rows: **1**

Features

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

Configuration Features

Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	4
Number of Rows	1

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	750 V

Body Features

Connector Profile	Standard
Primary Product Color	Black

Contact Features

PCB Contact Termination Area Plating Material Thickness	2.5 µm
Contact Shape & Form	Round

Contact Mating Area Plating Material Finish	Bright
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.762 µm[30 µin]
Contact Type	Pin

Termination Features

Termination Post & Tail Length	3.5 mm[.138 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Mating Retention	With
Panel Mount Feature	Without
Mating Alignment	With
Mating Alignment Type	Polarization
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	Thermoplastic

Dimensions

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

Usage Conditions

Housing Temperature Rating	Standard
Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Quantity	1000
Packaging Type	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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

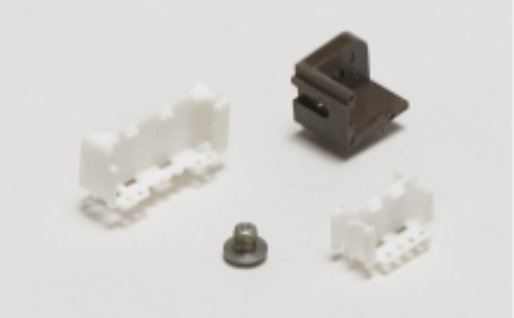
Compatible Parts

TE Part # 280359

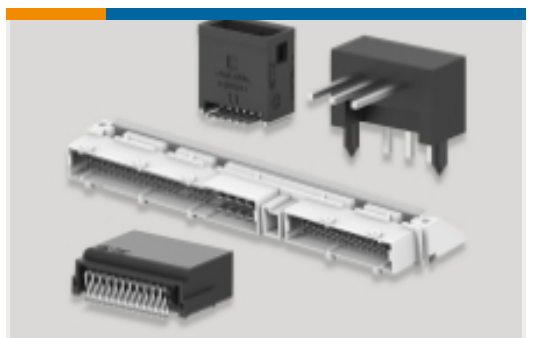
AMPMODU II REC. HSG, SINGLE ROW, 4 POS.

Also in the Series | AMPMODU Headers

Connector Caps & Covers(1)



PCB Connector Mounting(1)



PCB Headers & Receptacles(4871)

PCB Latches, Locks & Retainers(1)

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

Wire-to-Board Connector Contacts(65)

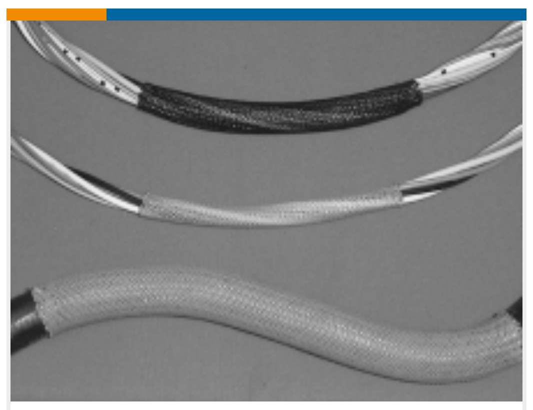
Customers Also Bought

TE Part #1-1462039-8
IM06DGR=IM RELAY 140mW 12V

TE Part #6-1415027-1
SR6D4024

TE Part #1-2176230-0
3522 4R7 5% 3W

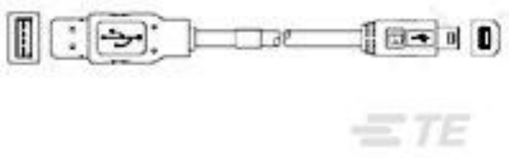
TE Part #1-2176089-9
RP 1J 0.166W 16K9 0.1% 25PPM 1K RL



TE Part #CH02054001
VERSAFLEX-3/4-0-SP

TE Part #280378-2
4P MODU II SHRD HDR, RT ANG, 0.38 AU

TE Part #350639-1
MNL PIN PTPBR



TE Part #1487598-2
USB, A-B, 25/20, BLACK, 5.0M

Documents

Product Drawings

4P AMPMODU II SHRD HDR, ST, 0.76AU

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_280371-3_U_c-280371-3-u.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_280371-3_U_c-280371-3-u.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_280371-3_U_c-280371-3-u.3d_stp.zip

English

Product Environmental Compliance

MD_280371-3_09032011152

English

MD_280371-3_09032011152

English