

280371-3 ✓ ACTIVE

AMPMODU | AMPMODU Headers

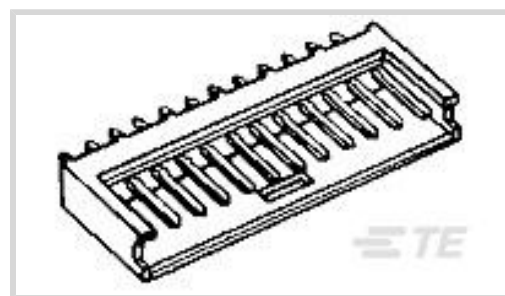
TE Internal #: 280371-3

PCB Mount Header, Vertical, Board-to-Board, 4 Position, 2.54 mm [.1 in] Centerline, Partially Shrouded, 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

Electrical Characteristics

| | |
|---------------------------------------|-------|
| Dielectric Withstanding Voltage (Max) | 750 V |
|---------------------------------------|-------|

Dimensions

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

Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 1000 |
|--------------------|------|

| | |
|------------------|-----|
| 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 | 2.5 μ m |
|---|-------------|

| | |
|-----------------------|-------|
| Contact Base Material | Brass |
|-----------------------|-------|

| | |
|---|-----|
| PCB Contact Termination Area Plating Material | Tin |
|---|-----|

| | |
|---|--------|
| Contact Mating Area Plating Material Finish | Bright |
|---|--------|

| | |
|--|---------------------------|
| Contact Mating Area Plating Material Thickness | .762 μ m[30 μ in] |
|--|---------------------------|

| | |
|--------------------------------------|----------------------------------|
| 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 | Vertical |
|-----------------------|----------|

| | |
|---------------------|---|
| Number of Positions | 4 |
|---------------------|---|

| | |
|----------------|---|
| 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>

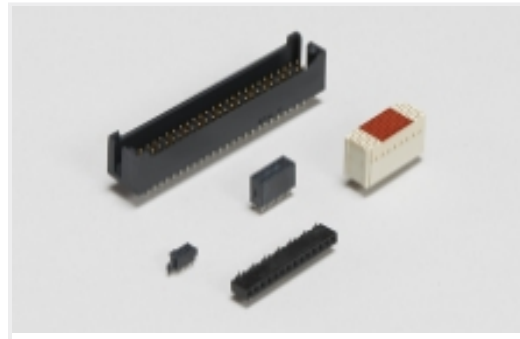
Compatible Parts



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



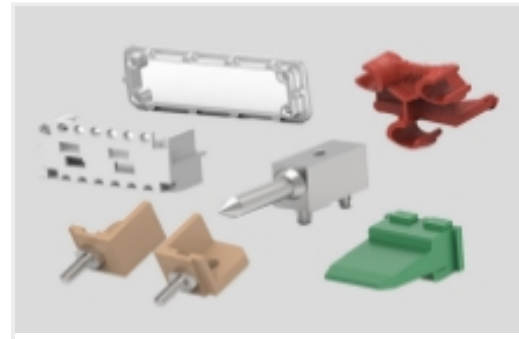
Automotive Headers(1)



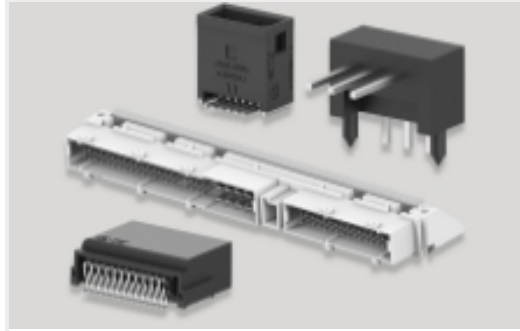
Board-to-Board Headers & Receptacles(1575)



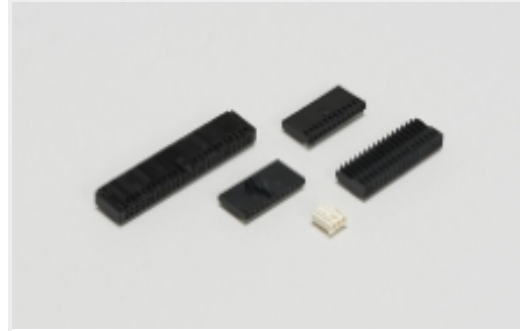
Connector Contacts(52)



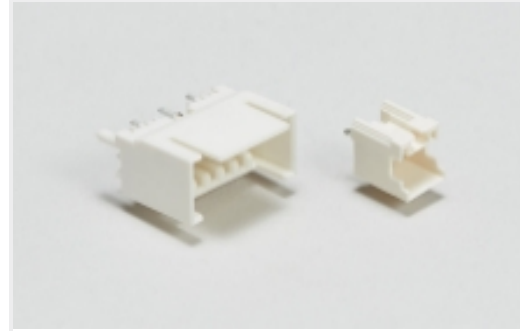
Connector Hardware(1)



PCB Headers & Receptacles(1620)



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

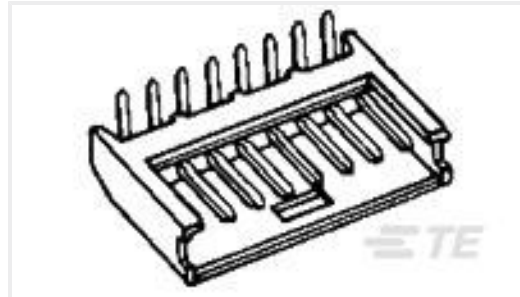


Wire-to-Board Headers & Receptacles (114)

Customers Also Bought



TE Part #1734303-1
SHIELD FINGER 4025B-T



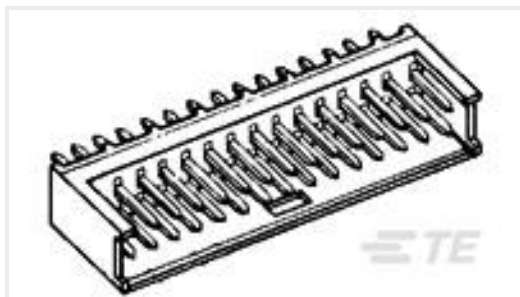
TE Part #280377-2
2P MODU II SHRD HDR,RT ANG, 0.38 AU



TE Part #2176486-5
BMC 0805 600R 25% A Gen C



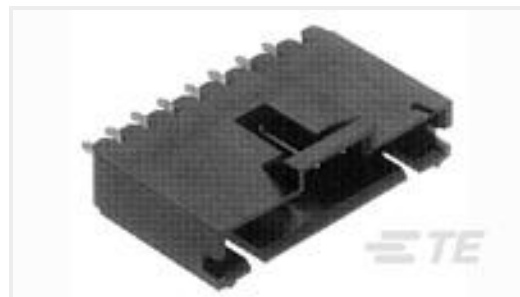
TE Part #5745782-4
15 MSFL RCPT RA 318 (IN,FM)



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



TE Part #7-6437144-0
FSN-23A-6



TE Part #5-103908-4
05 MTE HDR SRST LATCH W/HLDWN



TE Part #8-2319848-1
END STACK DIP 8P J RECESS SEAL T&R



TE Part #5-103639-3
04 MTE HDR SRST LATCH .100CL



TE Part #1462038-2
IM03CGR=IM RELAY 140mW 5V HDV

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

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