# 280374-2 ✔ ACTIVE

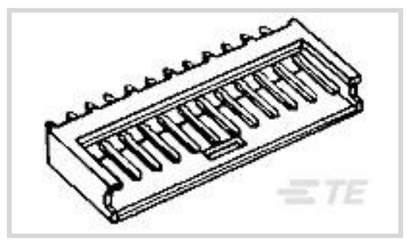
AMPMODU | AMPMODU Headers

TE Internal #: 280374-2

PCB Mount Header, Vertical, Board-to-Board, 10 Position, 2.54 mm [.1 in] Centerline, Partially Shrouded, Gold, Through Hole - Solder, AMPMODU Headers

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

PCB Mount Orientation: **Vertical**

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

Number of Positions: **10**

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 | 10 |
| 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 | .381 µm[15 µin] |
| Contact Type | Pin |

## Termination Features

| | |
|---|---|
| Termination Post & Tail Length | 3.5 mm[.138 in] |
| Termination Method to PCB | 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 | 500 |
| Packaging Method | 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)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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 # 280362
AMPMODU II REC. HSG, SINGLE ROW, 10 POS.

## Also in the Series | AMPMODU Headers



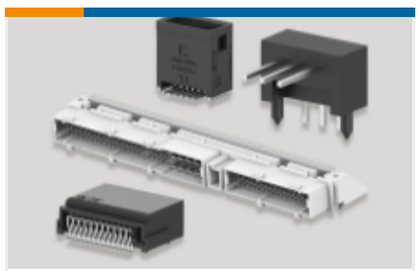
Connector Caps & Covers(1)



Connector Contacts(64)



Connector Hardware(2)

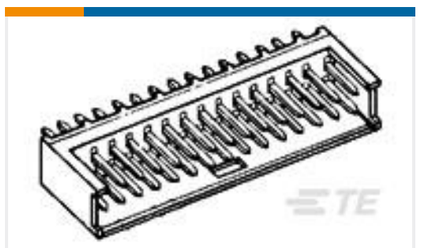


PCB Headers & Receptacles(3202)



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

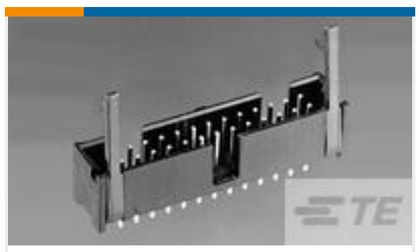
## Customers Also Bought



TE Part #280509-2
2X09 POS .100DR MODU-



TE Part #280520-2
12P AMPMODU II SHRD HDR, ST, 0.38 AU



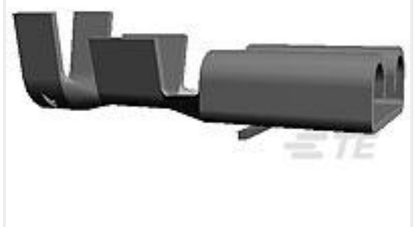
TE Part #2-1761609-7
IDC LOW PRO HDR 20P RA SHT LAT BLUE



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



TE Part #280371-2
4P AMPMODU II SHRD HDR, ST, 0.38 AU



TE Part #1217281-2
FF 110 REC 24-20AWG TPBR



TE Part #2319764-4
E STACK PIANO 8P G LONG TUBE PD ON

## Documents

### Product Drawings

10P AMPMODU II SHRD HDR, ST, 0.38AU

English

### CAD Files

3D PDF

3D

### Customer View Model

ENG_CVM_CVM_280374-2_U_c-280374-2-u.2d_dxf.zip

English

## Customer View Model

ENG_CVM_CVM_280374-2_U_c-280374-2-u.3d_igs.zip

English

## Customer View Model

ENG_CVM_CVM_280374-2_U_c-280374-2-u.3d_stp.zip

English

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

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## TE Connectivity:

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