1-292173-4 ✔ ACTIVE

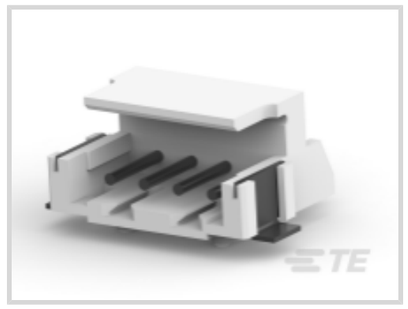
AMP CT

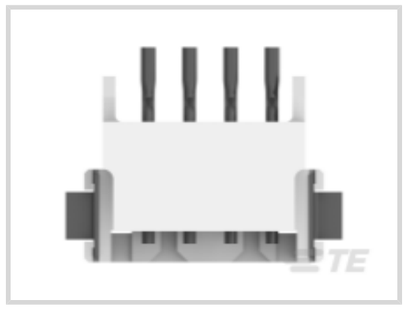
TE Internal #: 1-292173-4

PCB Mount Header, Right Angle, Wire-to-Board, 4 Position, 2 mm [.079 in] Centerline, Partially Shrouded, Tin, Surface Mount, Power & Signal, AMP CT

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles > AMP COMMON TERMINATION HEADERS







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

Number of Positions: **4**

Number of Rows: **1**

Centerline (Pitch): **2 mm [.079 in]**

PCB Mount Orientation: **Right Angle**

All AMP COMMON TERMINATION HEADERS (33)

Features

Product Type Features

Connector System	Wire-to-Board
Header Type	Partially Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
PCB Connector Assembly Type	PCB Mount Header

Configuration Features

Number of Positions	4
Number of Rows	1
PCB Mount Orientation	Right Angle

Electrical Characteristics

Operating Voltage	125 VAC

Body Features

Primary Product Color	Natural

Contact Features

Contact Mating Area Length	4.2 mm[.165 in]
PCB Contact Termination Area Plating Material Thickness	1 – 2 µm[39.37 – 78.73 µin]
Contact Layout	Inline
Mating Pin Diameter	.6 mm[.024 in]
Contact Mating Area Plating Material Thickness	1 – 2 µm[39.37 – 78.73 µin]
Contact Shape & Form	Round
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Mating Area Plating Material	Tin
Contact Type	Pin
Contact Current Rating (Max)	4 A

Termination Features

Termination Post & Tail Diameter	.6 mm[.024 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

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

Housing Features

Housing Material	6T PA(GF)
Centerline (Pitch)	2 mm[.079 in]

Dimensions

Connector Length	9.8 mm[.386 in]
Connector Height	5.8 mm[.228 in]
Connector Width	9 mm[.354 in]

PCB Thickness (Recommended)	.8 mm[.031 – .063 in]

Usage Conditions

Operating Temperature Range	-40 – 221 °C[-40 – 105 °F]

Operation/Application

Assembly Process Feature	Pick and Place Cover
Circuit Application	Power & Signal

Industry Standards

Compatible With Agency/Standards Products	CSA, UL
Compatible With Approved Standards Products	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	500
Packaging Method	Box, Tape

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	Reflow solder capable to 245°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 # CAT-AM7017-C7671
Common Termination Contacts — POWER TRIPLE LOCK



TE Part # CAT-AM7017-H8172
AMP COMMON TERMINATION HOUSINGS



TE Part # 1-353293-3
MINI CT MT REC ASSY 13P GRAY

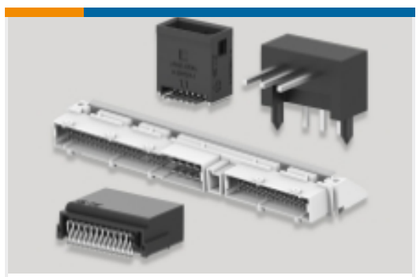
Also in the Series | AMP CT



Connector Contacts(8)



Connector Hardware(46)



PCB Headers & Receptacles(756)



Wire-to-Board Connector Assemblies & Housings(255)

Customers Also Bought



TE Part #1376137-2
Header Assembly: Wire-to-Board, 5A, gold plated



TE Part #2-1445091-2
MICRO MNL HDR ASSY S/ROW AU LF



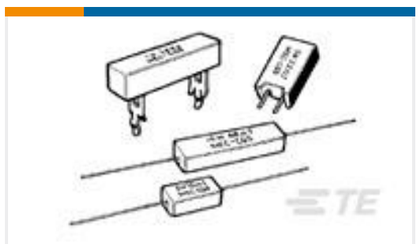
TE Part #3-794630-6
06P MICRO MNL ASSY VRT HDR LF



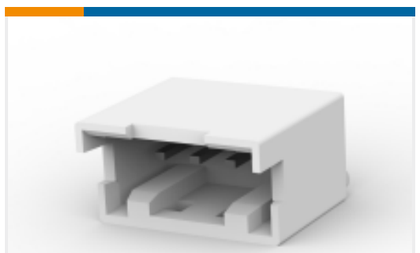
TE Part #1-1734839-2
FPC CONN. 0.5MM PITCH T/C,12P



TE Part #2-1827872-0
DYNAMIC 1100D HDR ASSY V 40PY BLACK GOLD



TE Part #1623785-7
SQM10 75R 5% (WIRE)



TE Part #1871843-4
GIC2.5 HDR ASSY TIN VERSION 4P NATURAL



TE Part #9-1415047-1
RTHH4024

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-292173-4_B1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-292173-4_B1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-292173-4_B1.3d_stp.zip

English

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

Product Specifications

Product Specification

English

AMP COMMON TERMINATION (CT), CONNECTOR, 2mm PITCH, M/T TYPE, LEAD FREE VERSION

Japanese

Product Specification

Japanese

Agency Approvals

CSA Certificate

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

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