292175-5 ✔ ACTIVE

AMP CT

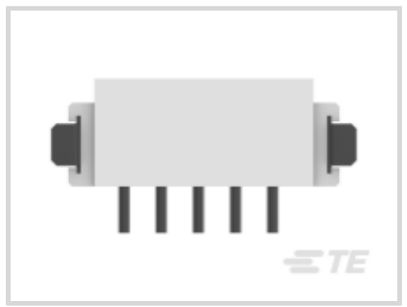
TE Internal #: 292175-5

PCB Mount Header, Vertical, Wire-to-Board, 5 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 > CT Box Header SMT: Vert, Shrouded




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

Number of Positions: **5**

Number of Rows: **1**

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

PCB Mount Orientation: **Vertical**

All CT Box Header SMT: Vert, Shrouded (34)

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	5
Number of Rows	1
PCB Mount Orientation	Vertical

Electrical Characteristics

Operating Voltage	125 VAC

Body Features

Primary Product Color	Natural

Contact Features

Contact Mating Area Length	4.5 mm[.177 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	Without
PCB Mount Retention	With

Housing Features

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

Dimensions

Connector Length	11.8 mm[.465 in]
Connector Height	7.8 mm[.307 in]
Connector Width	5.8 mm[.228 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	700
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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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

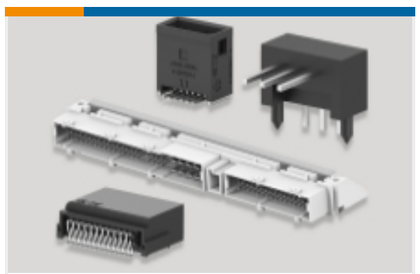
Also in the Series | AMP CT



Connector Contacts(8)



Connector Hardware(46)



PCB Headers & Receptacles(756)



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

Customers Also Bought



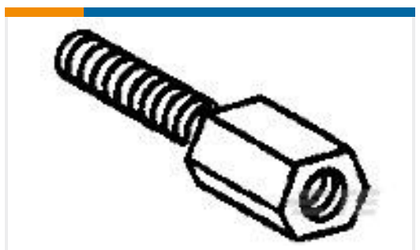
TE Part #5747841-4
15 MSFL PLUG RA 318 (IN,FM,BL)



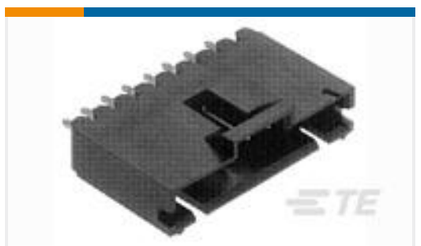
TE Part #292173-4
CT BOX HDR H SMT 4P O/TAPE BLA



TE Part #292175-4
CT BOX HDR V SMT 4P O/TAPE NAT



TE Part #5747877-3
FEMALE SCREWLOCK ZINC CLEAR



TE Part #5-103908-2
03 MTE HDR SRST LATCH W/HLDWN



TE Part #171826-3
3P POST HEADER ASSY EI



TE Part #292230-7
1.5 MINI CT SGL V SMT W/BOSS 7



TE Part #3-647502-3
03P MTA100 HDR ASSY,SM,SN, LF



TE Part #2-1747981-3
Std HDMI, RA, SMT, Panel grd, Flange

Documents

Product Drawings

CT BOX HDR V SMT 5P O/TAPE NAT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_292175-5_A2.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_292175-5_A2.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_292175-5_A2.3d_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

Unikeyic Electronics

Global Electronic Components Distributor

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

TE Connectivity:

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