292253-3 ✔ ACTIVE

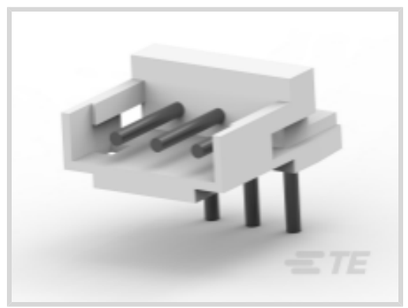
AMP CT

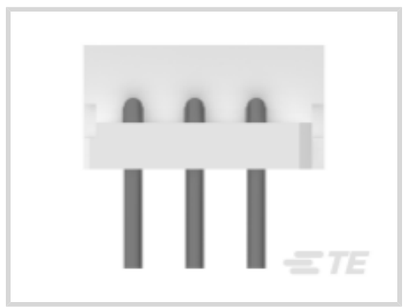
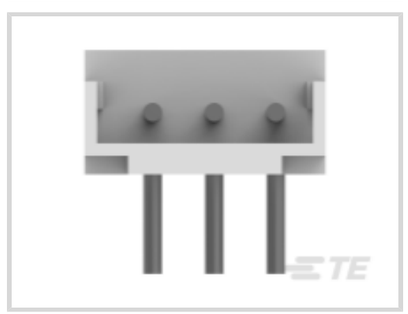
TE Internal #: 292253-3

PCB Mount Header, Right Angle, Wire-to-Board, 3 Position, 2 mm [.079 in] Centerline, Partially Shrouded, Tin (Sn), Through Hole - Solder, AMP CT

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles > CT 2mm Header Assembly: Right Angle



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **3**

Number of Rows: **1**

All CT 2mm Header Assembly: Right Angle (176)

Features

Product Type Features

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

Configuration Features

PCB Mount Orientation	Right Angle
Number of Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	125 VDC

Body Features

Primary Product Color	Natural

Contact Features

Mating Pin Diameter	.6 mm[.024 in]
Contact Mating Area Plating Material Thickness	1 µm[39.37 µin]
PCB Contact Termination Area Plating Material Thickness	1 µm[39.37 µin]
Contact Shape & Form	Round
Contact Layout	Inline
Contact Mating Area Length	4.5 mm[.177 in]
Contact Base Material	Brass
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Pin
Contact Current Rating (Max)	4 A

Termination Features

Termination Post & Tail Diameter	.6 mm[.024 in]
Termination Post & Tail Length	3.2 mm[.126 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Retention Type	Detent Window
Mating Retention	Without
Mating Alignment Type	Polarization
PCB Mount Retention Type	Kinked Legs
PCB Mount Retention	With
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Housing Material	Nylon 6/6
Centerline (Pitch)	2 mm[.079 in]

Dimensions

Connector Width	4 mm[.157 in]
PCB Thickness (Recommended)	.8 mm[.031 – .063 in]
Connector Height	8.8 mm[.346 in]
Connector Length	7.8 mm[.307 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °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	Bag, Box

Product Compliance

For compliance documentation, visit the product page on TE.com>

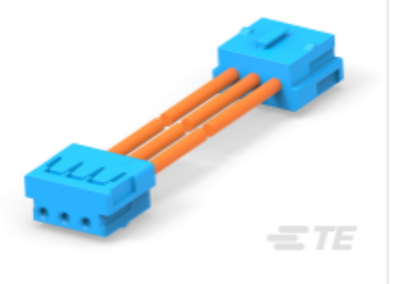
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

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

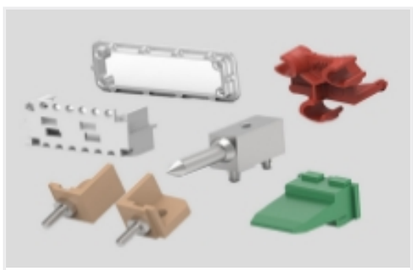
TE Part # CAT-AM7017-H8172
AMP COMMON TERMINATION HOUSINGS



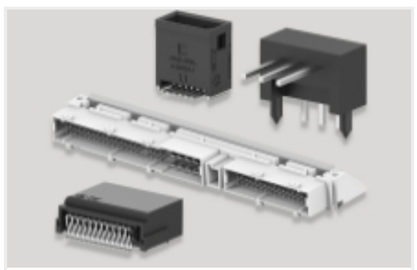
TE Part # 2405869-3
CT 3P 300MM CABLE ASSEMBLY 2-179228-3

Also in the Series | AMP CT

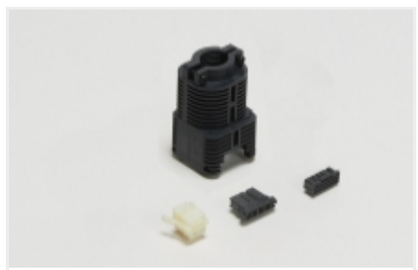
Connector Contacts(8)



Connector Hardware(46)

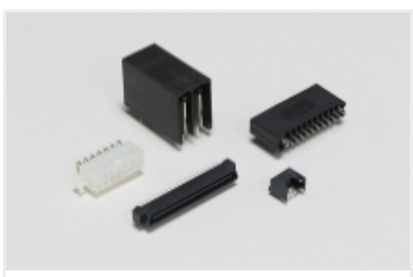


PCB Headers & Receptacles(756)



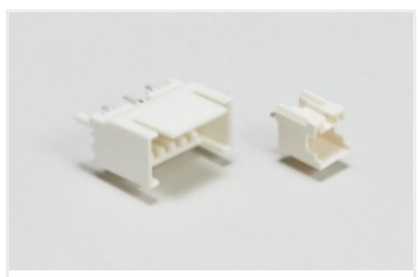
Rectangular Connector Housings(90)

Rectangular Power Connectors(924)



Standard Rectangular Connectors(176)

Wire-to-Board Connector Assemblies & Housings(79)



Wire-to-Board Headers & Receptacles (756)

Customers Also Bought

TE Part #1-292231-2
1.5 MINI CT SGL V SMT W/O BOSS

TE Part #1-292231-3
1.5 MINI CT SGL V SMT W/O BOSS

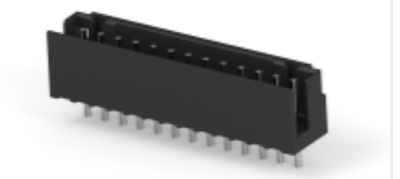
TE Part #1-1612256-2
PLUG ASSY 12P ,MINI CT DC DRAW

TE Part #1-292206-2
MINI CT SGL DIP H 12P NAT

TE Part #1-1612257-2
REC ASSY 12P ,MINI CT DC DRAWE

TE Part #CAT-3980408-PHDWKV
CT 2mm Post Header Assembly with Kink - Vertical

TE Part #1-292230-2
1.5 MINI CT SGL V SMT W/BOSS 1



TE Part #CAT-3983178-PHBXVD
CT 2mm Post Header Asmbly: Box V DIP

Documents

Product Drawings

CT CONN MT HDR ASSY H 3P NAT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_292253-3_B1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_292253-3_B1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_292253-3_B1.3d_stp.zip

English

Product Specifications

Workmanship Specification

English

Agency Approvals

Agency Approval Document

English