

292172-7

✓ ACTIVE

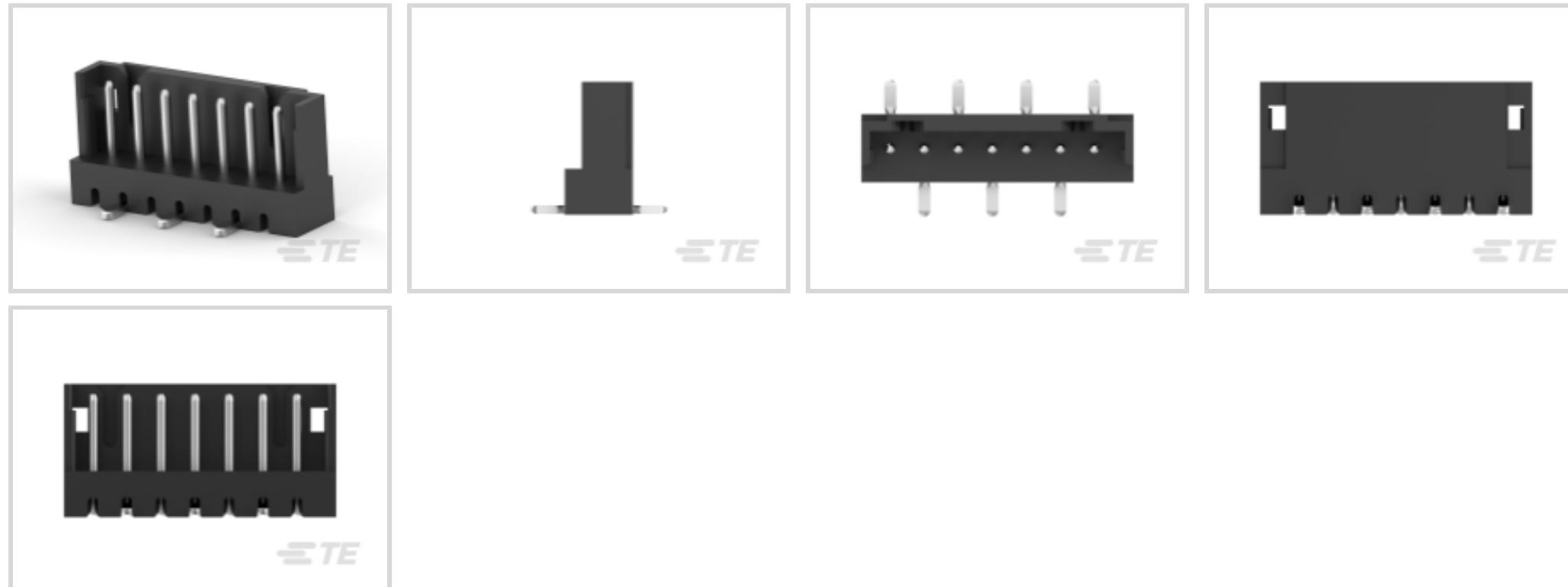
AMP CT

TE Internal #: 292172-7

PCB Mount Header, Vertical, Wire-to-Board, 7 Position, 2 mm [.078 in] Centerline, Partially Shrouded, Tin, Surface Mount, Power & Signal, AMP CT

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles > CT Post Header Assembly: Part. Shrouded



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

Number of Positions: **7**

Number of Rows: **1**

Centerline (Pitch): **2 mm [.078 in]**

PCB Mount Orientation: **Vertical**

[All CT Post Header Assembly: Part. Shrouded \(32\)](#)

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	7
Number of Rows	1
PCB Mount Orientation	Vertical

Electrical Characteristics

Operating Voltage	125 VAC
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Body Features

Primary Product Color	Black
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Contact Features

Contact Mating Area Length	4.5 mm [.177 in]
PCB Contact Termination Area Plating Material Thickness	1 - 2 μ m [39.37 - 78.73 μ in]
Contact Layout	Inline, Staggered
Mating Pin Diameter	.6 mm [.024 in]
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

Round Termination Post & Tail Diameter	.6 mm [.024 in]
Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

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

Housing Features

Housing Material	6T PA GF 30
Centerline (Pitch)	2 mm [.078 in]

Dimensions

Connector Length	16 mm [.63 in]
Connector Height	7.8 mm [.307 in]
Connector Width	4 mm [.157 in]
PCB Thickness (Recommended)	.8 mm [.031 - .063 in]

Usage Conditions

Operating Temperature Range	-40 - 105 °C [-40 - 221 °F]
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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	30
Packaging Method	Box, Tube

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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



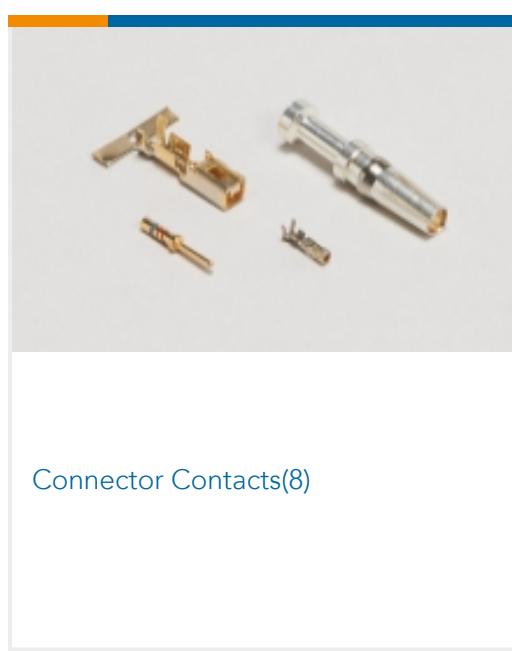
TE Part # CAT-AM7017-H8172
AMP COMMON TERMINATION
HOUSINGS



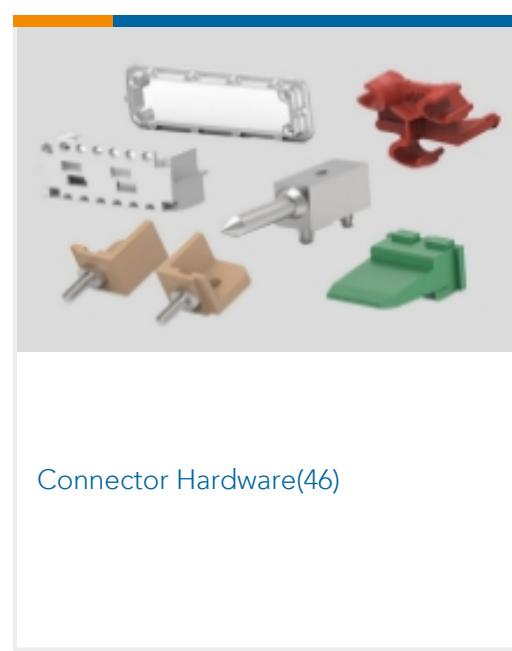
TE Part # 2405869-7
CT 7P 300MM CABLE ASSEMBLY 2-
179228-7

Also in the Series

AMP CT



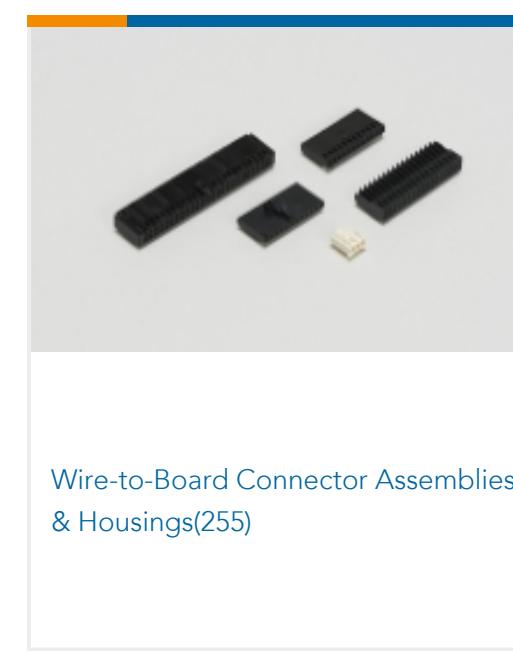
Connector Contacts(8)



Connector Hardware(46)



PCB Headers & Receptacles(756)



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

Customers Also Bought



TE Part # 4-1734839-0
0.5mm FPC Connectors



TE Part # 292172-2
CT POST HDR ASSY 2P IN-TUBE BL



TE Part # 5-826632-0
AMPMODU II PIN HEADER 50P



TE Part # 640445-6
06P MTA156 HDR ASSY FL/STR SN



TE Part # 640445-7
07P MTA156 HDR ASSY FL/STR SN



TE Part # 7-1625892-0
3W SM M/OX 5% 6R8



TE Part # 2-2013310-2
EMBOSSED TAPE DDR3 204P 9.2H STD

Documents

Product Drawings

[CT POST HDR ASSY 7P IN-TUBE BL](#)

English

CAD Files

3D PDF

3D

Customer View Model[ENG_CVM_CVM_292172-7_A.2d_dxf.zip](#)

English

Customer View Model[ENG_CVM_CVM_292172-7_A.3d_igs.zip](#)

English

Customer View Model[ENG_CVM_CVM_292172-7_A.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