



AMP CT

TE Internal #: 2-173977-3

AMP CT, Connector Assembly, Receptacle, Wire-to-Board, 3 Position, 2mm [.079in] Centerline, Insulation Displacement Crimp (IDC), 1 Row

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Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings > AMP COMMON TERMINATION HOUSINGS



Connector Product Type: **Connector Assembly**
Connector & Housing Type: **Receptacle**
Connector System: **Wire-to-Board**
Number of Positions: **3**
Centerline (Pitch): **2 mm [.079 in]**

[All AMP COMMON TERMINATION HOUSINGS \(149\)](#)

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	3
Number of Rows	1

Electrical Characteristics

Termination Resistance	3 mΩ
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Contact Features

Contact Current Rating (Max)	2 A
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Termination Features

Termination Method to Wire & Cable	Insulation Displacement Crimp (IDC)
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Mechanical Attachment

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Mating Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	2 mm[.079 in]
Housing Color	Blue

Dimensions

	2 in
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Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Product Compliance

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

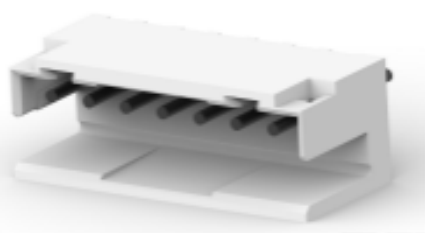
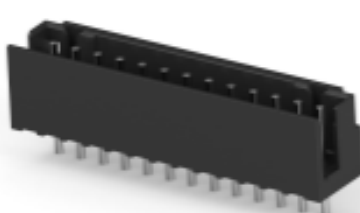
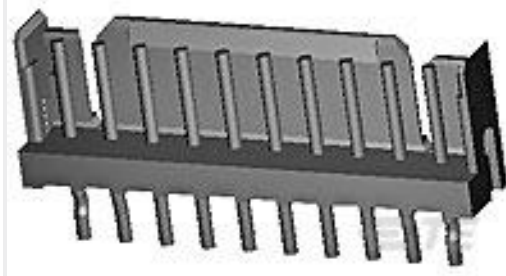
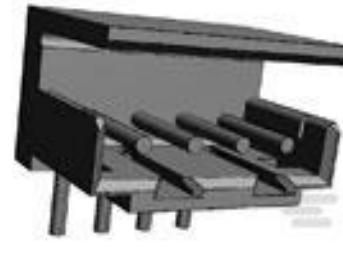
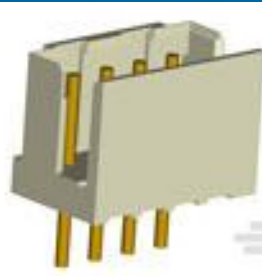
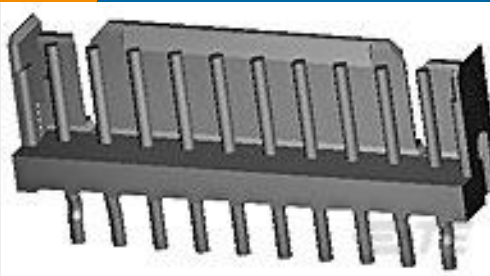
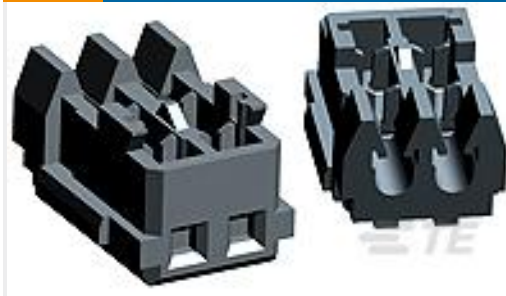
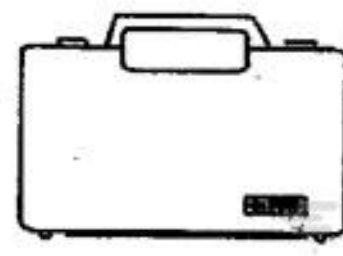
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

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-H342 AMP COMMON TERMINATION HEADERS	 TE Part # CAT-3984552-BHTHVS CT Box Header SMT: Vert, Shrouded	 TE Part # CAT-3980407-RHRRRA CT 2mm Header Assembly: Right Angle	 TE Part # CAT-3983178-PHBXVD CT 2mm Post Header Asmbly: Box V DIP
 TE Part # CAT-3980408-PHDWKV CT 2mm Post Header Assy w/Kink - Vert.	 TE Part # 58074-1 MTA 50/100/156 MANUAL TOOL FRAME	 TE Part # 58372-1 HEAD (IDC) 2MM C.T. W/O TL	 TE Part # 2-173983-3 AMP CT MT AMP-IN HDR-H YEL 3P
 TE Part # 2-173985-3 AMP CT MT AMP-IN HDR-V BLU 3P	 TE Part # CAT-3980655-RHAFH CT Relay Header Assembly: Free Hanging	 TE Part # CAT-3980408-PHDBXV CT 2mm Post Header Assembly: Box-V	 TE Part # CAT-3983174-PHBXHK CT 2mm Post Header Assembly Box H Kink
 TE Part # 174453-3 CT AMP-IN ASSY 3P H BLUE	 TE Part # 2-292135-3 CT BOX HDR V ASSY 3P SHORT TIN	 TE Part # 2-292145-3 CT P/HDR ASSY V 3P W/O KINK BL	 TE Part # 2-292164-3 CT P/HDR BOX H ASSY 3P T/P BLU
 TE Part # 2-292165-3 CT P/HDR BOX V 3P T/P BLUE	 TE Part # 2-292170-3 CT P/HDR ASSY 3P V W/O KINK T	 TE Part # 5-292271-3 MT REC ASSY AU-PL. 3P BLUE	 TE Part # 911790-1 WEZAG PISTOL GRIP TOOL

Also in the Series | AMP CT



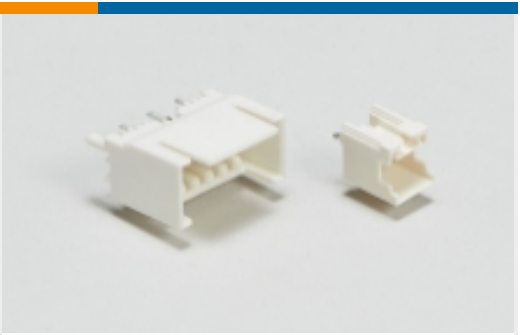
PCB Connector Mounting(46)



Wire-to-Board Connector Assemblies & Housings(234)



Wire-to-Board Connector Contacts(8)



Wire-to-Board Headers & Receptacles (760)

Customers Also Bought



TE Part #1-292254-5
AMP COMMON TERMINATION HEADERS



TE Part #2-173977-2
AMP COMMON TERMINATION HOUSINGS



TE Part #2-173983-3
AMP CT MT AMP-IN HDR-H YEL 3P



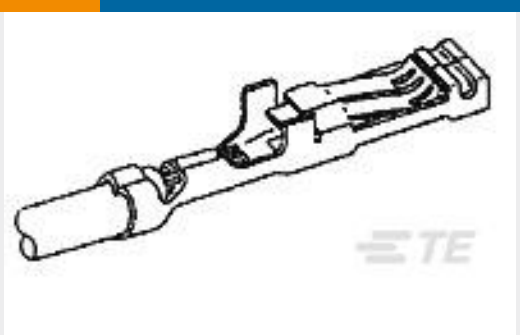
TE Part #2-292236-2
MINI CT DRAWER RECEPTACLE HOUSINGS



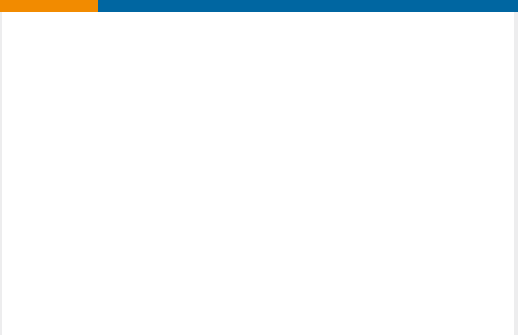
TE Part #1376109-1
TH/.025 CONNECTOR SYSTEM, RECPT AND TAB



TE Part #170022-2
RING TERMINAL 26-22 AWG 0.140 X .260 BR



TE Part #1981378-1
HYBRID MINI DRAWER



TE Part #8-292112-4
MT REC ASSY (#26,28)

Documents

Product Drawings

CT CONN MT REC ASSY 3P BLUE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-173977-3_M.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-173977-3_M.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-173977-3_M.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.



Datasheets & Catalog Pages

2.0MM_AMP_CT_CONNECTOR_SERIES_QUICK_REF_GUIDE

English

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_2-173977-3_122920171213_dmtec

English

MD_2-173977-3_122920171213_dmtec

English

Instruction Sheets

MINI PRESS CT CONNECTOR (WAS IS-553J)

Japanese

Instruction Sheet (non U.S.)

Japanese

Agency Approvals

CSA Certificate

English