



AMP CT

TE Internal #: 179228-8
Housing, Receptacle, Crimp, Wire-to-Board / Wire-to-Wire, UL 94V-0, 8 Position, AMP CT, Rectangular Wire & Cable Connectors & Housings

[View on TE.com >](#)

Connectors > Rectangular Connectors > Standard Rectangular Connectors > AMP COMMON TERMINATION HOUSINGS



Connector Product Type: **Housing**
Connector & Housing Type: **Receptacle**
Mating Retention: **Without**
Termination Method to Wire & Cable: **Crimp**
Connector System: **Wire-to-Board, Wire-to-Wire**

[All AMP COMMON TERMINATION HOUSINGS \(176\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	8
Number of Rows	1

Electrical Characteristics

Operating Voltage	125 VAC
Insulation Resistance	1000 MΩ

Body Features

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Primary Product Color	Natural
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Contact Features

Contact Type	Socket
Contact Current Rating (Max)	4 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	Without
Mating Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	2 mm[.079 in]

Dimensions

Connector Width	4.6 mm[.181 in]
Connector Height	6.6 mm[.26 in]
Connector Length	18 mm[.709 in]
Wire Size	30 – 22 AWG

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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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Bag & Box
Packaging Quantity	2000



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	Not applicable for solder process capability

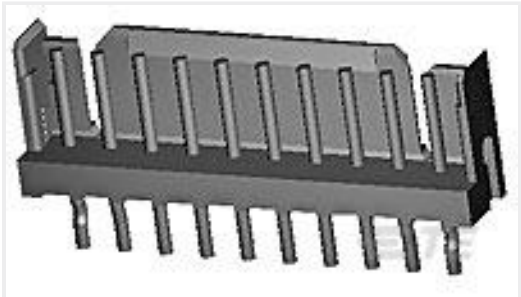
Product Compliance Disclaimer

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



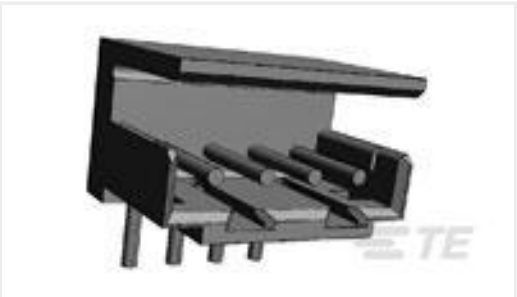
TE Part # 292157-8
CT RELAY W/COMMONING BAR 8P
NA



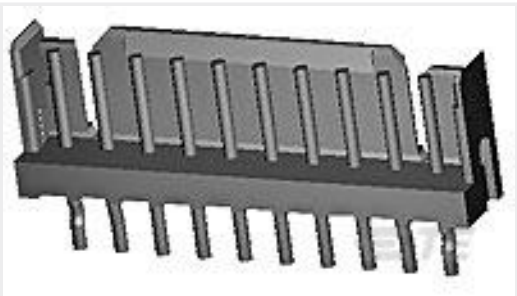
TE Part # 292170-7
CT P/HDR ASSY 7P V W/O KINK T



TE Part # 292271-8
MT REC ASSY AU-PL. 8P GRAY



TE Part # 292164-8
CT P/HDR BOX H ASSY 8P T/P NAT



TE Part # 292145-8
CT P/HDR ASSY V 8P W/O KINK NA



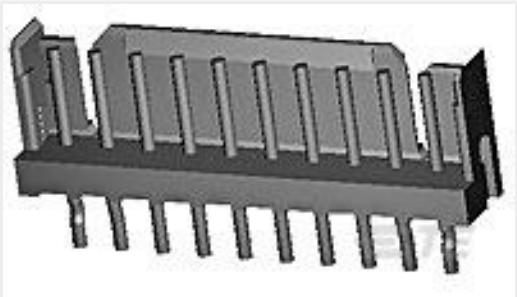
TE Part # 292254-8
CT RELAY HDR ASSY 8P NAT



TE Part # 292133-8
CT P/HDR ASSY BOX V 8P W/O KIN



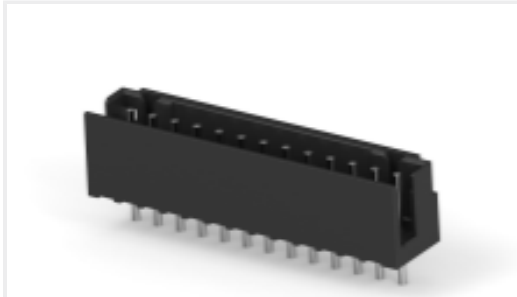
TE Part # 1-292254-7
CT RELAY HDR ASSY 8P NAT



TE Part # 292170-8
CT P/HDR ASSY 8P V W/O KINK T



TE Part # CAT-3984552-BHTHVS
CT Box Header SMT: Vert, Shrouded



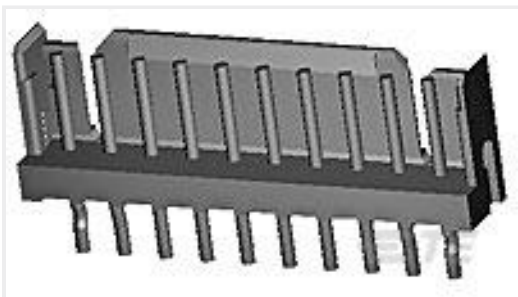
TE Part # CAT-3983178-PHBXVD
CT 2mm Post Header Asmbly: Box V
DIP



TE Part # 292185-8
REC ASS'Y OF HYB DRAWER 12P
DIP



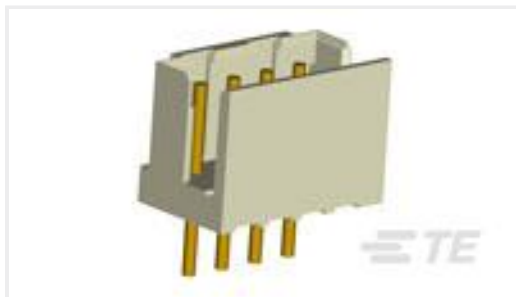
TE Part # CAT-3984552-PHITPS
CT Post Header Assembly: Part.
Shrouded



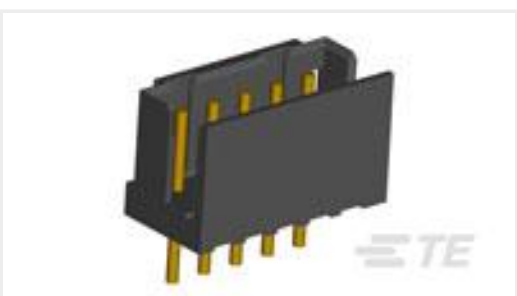
TE Part # 292169-8
CT P/HDR V 8P T/P NAT



TE Part # 292182-8
PLUG ASS'Y OF HYB DRAWER 12P



TE Part # 292165-8
CT P/HDR BOX V 8P T/P NAT



TE Part # 292166-8
CT P/HDR BOX V 8P T/P NAT W/O



TE Part # CAT-AM7017-C7671
Common Termination Contacts —
POWER TRIPLE LOCK



TE Part # 1-179472-6
CT DBL ROW HOLDER, CRIMP, 16P, NA

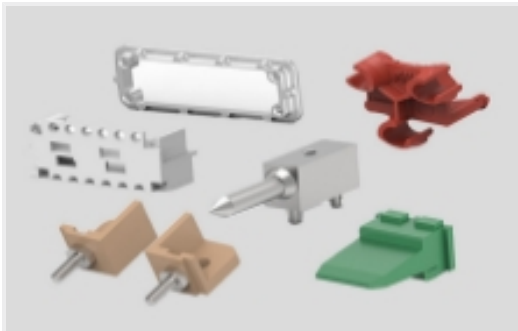


TE Part # CAT-3980407-RHDRRA
CT 2mm Header Assembly: Right
Angle

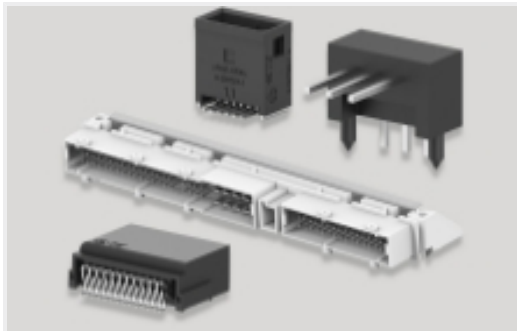
Also in the Series | AMP CT



Connector Contacts(8)



Connector Hardware(46)



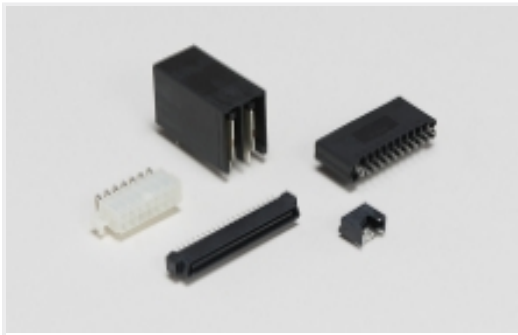
PCB Headers & Receptacles(756)



Rectangular Connector Housings(90)



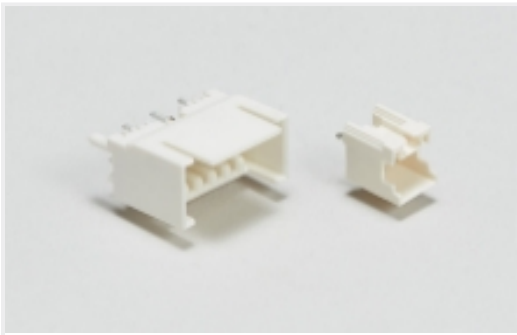
[Rectangular Power Connectors\(924\)](#)



[Standard Rectangular Connectors\(176\)](#)

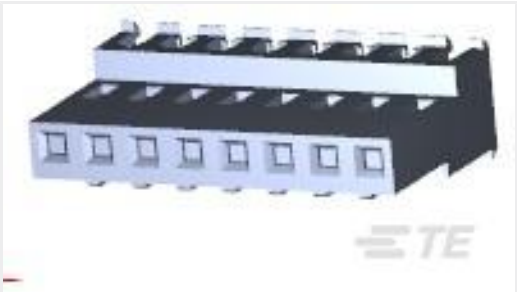


[Wire-to-Board Connector Assemblies & Housings\(79\)](#)



[Wire-to-Board Headers & Receptacles \(756\)](#)

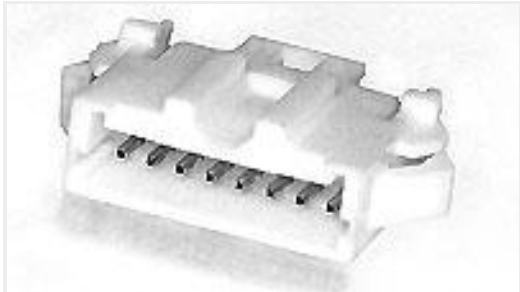
Customers Also Bought



TE Part #3-640604-8
[08P MTA156 CONN ASSY 18AWG LF](#)



TE Part #CAT-AM7017-H8172
[AMP COMMON TERMINATION HOUSINGS](#)



TE Part #292215-2
[MINI CT SGL RELAY 2P NAT](#)



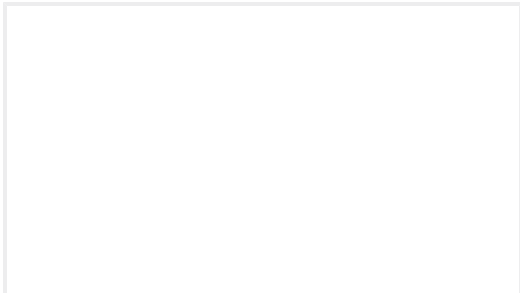
TE Part #1-353908-5
[CT REC HSG 15P CRIMP TYPE WHIT](#)



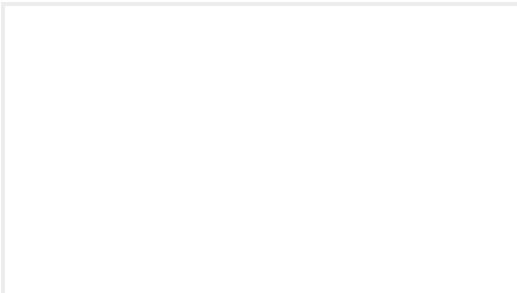
TE Part #172213-8
[8P EI HSG PANEL-MOUNT](#)



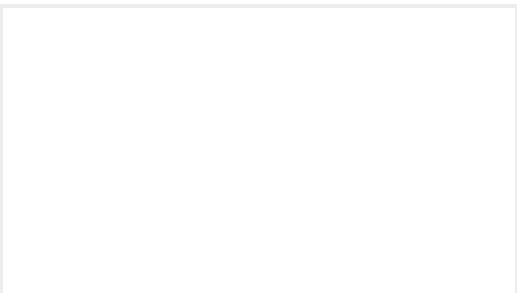
TE Part #292254-6
[CT RELAY HDR ASSY 6P NAT](#)



TE Part #8-292112-7
[MT REC ASSY \(#26,28\)](#)



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



TE Part #8-292112-9
[MT REC ASSY \(#26,28\)](#)

Documents

[Product Drawings](#)
[CT CRIMP TYPE REC HSG](#)
English

[CAD Files](#)
[3D PDF](#)
3D
[Customer View Model](#)
[ENG_CVM_CVM_179228-8_N1.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_179228-8_N1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_179228-8_N1.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[POWER_CONNECTORS_CATALOG_SEC02_CABLE_MOUNTED](#)

English

Product Specifications

[Crimping of AMP 2.0mm Pitch, CT Crimp Typell Rec Contact](#)

English

Application Specification

English

Agency Approvals

[Agency Approval Document](#)

English