

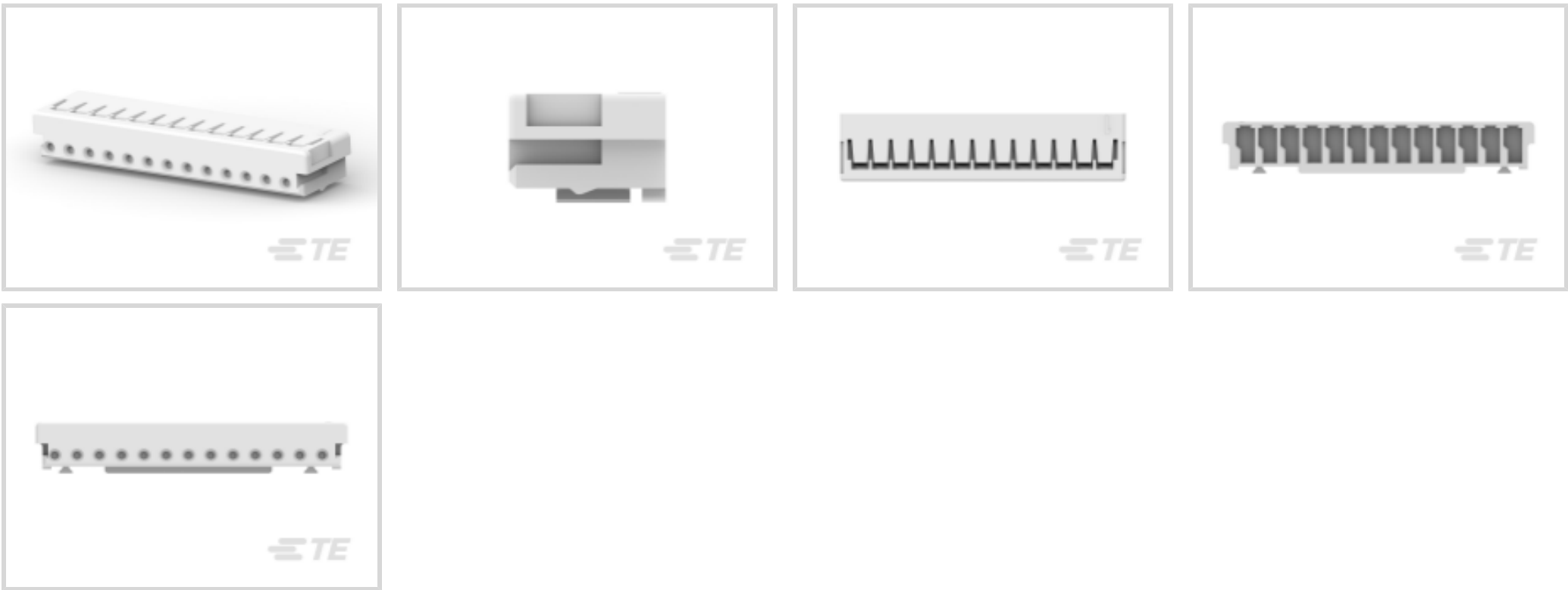


AMP CT

TE Internal #: 1-179228-3
Housing, Receptacle, Wire-to-Board / Wire-to-Wire, 13 Position, .079 in [2 mm] Centerline, Crimp, 1 Row, Natural, Wire & Cable, Power & Signal, AMP CT

[View on TE.com >](#)

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



Connector Product Type: **Housing**
Connector & Housing Type: **Receptacle**
Connector System: **Wire-to-Board, Wire-to-Wire**
Number of Positions: **13**
Centerline (Pitch): **2 mm [.079 in]**

[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	13
Number of Rows	1

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	5000 VAC
Insulation Resistance	1000 MΩ
Operating Voltage	125 VAC



Body Features

Primary Product Color	Natural
-----------------------	---------

Contact Features

Contact Layout	Inline
Contact Type	Socket
Contact Current Rating (Max)	4 A

Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------

Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Length	28 mm[1.102 in]
Connector Height	6.6 mm[.26 in]
Connector Width	4.6 mm[.181 in]
Wire Size	30 - 22 AWG

Usage Conditions

Operating Temperature Range	-30 - 105 °C[-22 - 221 °F]
-----------------------------	----------------------------

Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

Industry Standards

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

Packaging Features



Packaging Quantity	1000
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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

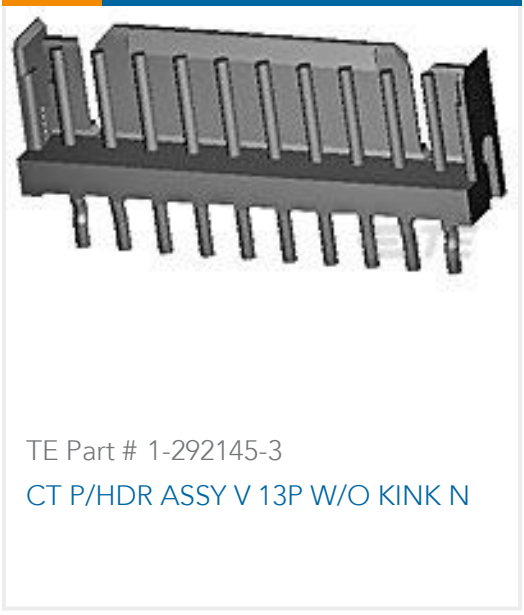
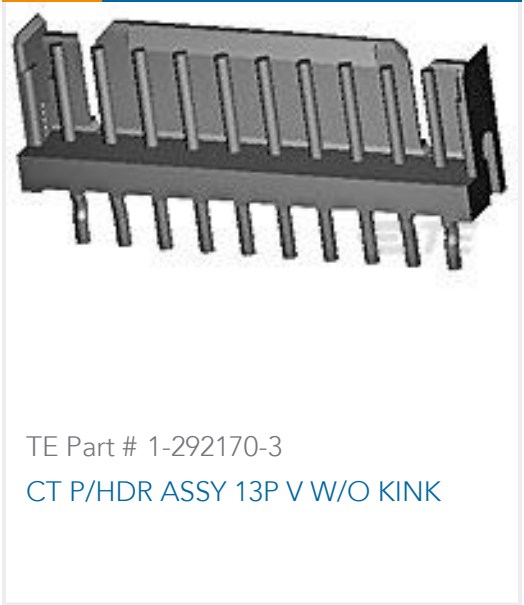
TE Part # CAT-AM7017-C7671
Common Termination Contacts - POWER TRIPLE LOCK

TE Part # 1-292250-3
CT P/HDR BOX H ASSY 13P W/KINK

TE Part # 1-292132-3
CT P/HDR BOX V 13P NAT

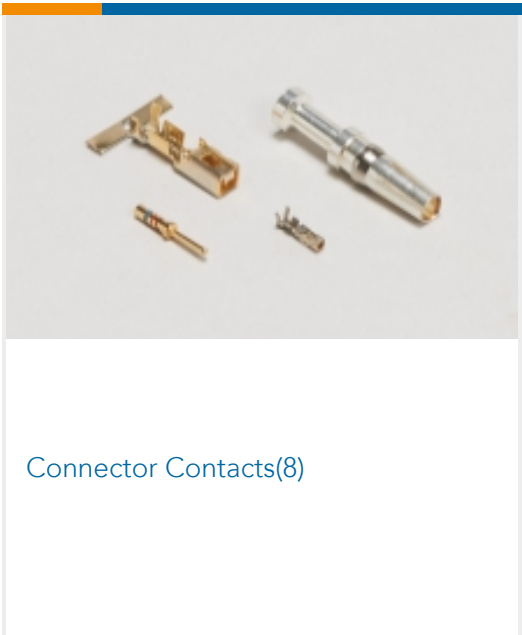
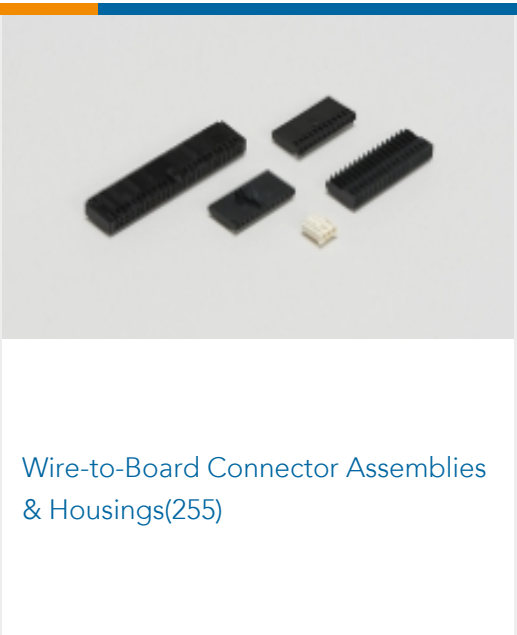
TE Part # CAT-3980407-RHDRRA
CT 2mm Header Assembly: Right Angle



 TE Part # 1-292161-3 CT P/HDR ASSY V 13P W/KINK NAT	 TE Part # 1-292254-3 CT RELAY HDR ASSY 13P NAT	 TE Part # 1-292173-3 CT BOX HDR H SMT 3P O/TAPE NAT	 TE Part # 1-292133-3 CT P/HDR ASSY BOX V 13P W/O KI
 TE Part # 2-179472-6 CT DBL ROW HOLDER,CRIMP,26P,NA	 TE Part # 1-292145-3 CT P/HDR ASSY V 13P W/O KINK N	 TE Part # 1-292164-3 CT P/HDR BOX H ASSY 13P T/P NA	 TE Part # 1-292165-3 CT P/HDR BOX V 13P T/P NAT
 TE Part # 1-292166-3 CT P/HDR BOX V 13P T/P NAT W/O	 TE Part # 1-292170-3 CT P/HDR ASSY 13P V W/O KINK	 TE Part # 1-292271-3 MT REC ASSY AU-PL. 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 # 1-173977-1 AMP COMMON TERMINATION HOUSINGS	 TE Part # 1-353908-6 CT REC HSG 16P CRIMP TYPE WHIT	 TE Part # 1-292215-8 MINI CT SGL RELAY 18P NAT	 TE Part # 292254-7 CT RELAY HDR ASSY 7P NAT
---	---	---	--



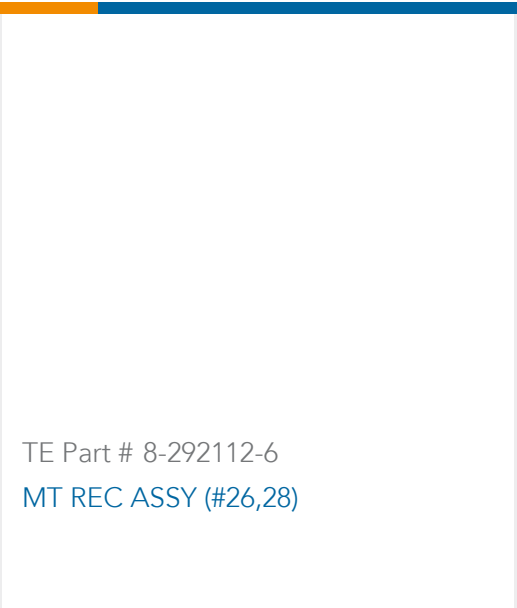
TE Part # 292215-4
MINI CT SGL RELAY 4P NAT



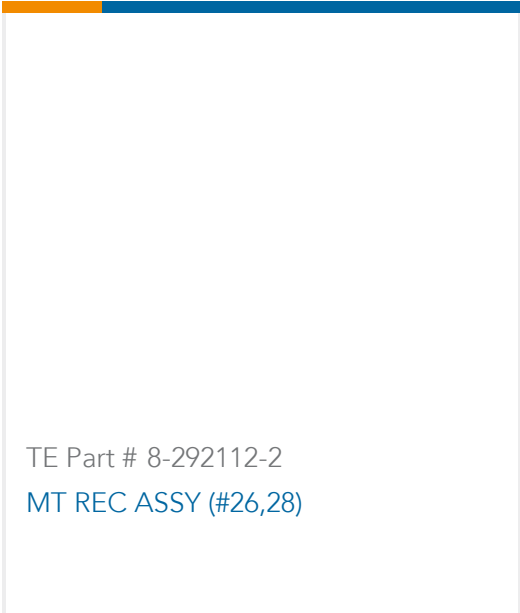
TE Part # 3-353293-4
1.5MM CT MT REC ASSY 14P BLACK



TE Part # 2-353293-4
1.5MM CT MT REC ASS'Y 4P BLACK



TE Part # 8-292112-6
MT REC ASSY (#26,28)



TE Part # 8-292112-2
MT REC ASSY (#26,28)

Documents

Product Drawings

CT CRIMP-2 REC HSG 13P NATURAL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-179228-3_N1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-179228-3_N1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-179228-3_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



Instruction Sheets

Instruction Sheet (non U.S.)

English

STEPPING MOTOR, I/O CONNECTOR

English

Agency Approvals

Agency Approval Document

English