2-292254-6 ✔ ACTIVE

AMP CT

TE Internal #: 2-292254-6

6 Position, Plug to Plug Relay Header, Connector Assembly, Wire-to-Panel, UL 94V-0, 2 mm [.078 in] Centerline, 1 Row, 125 VAC, Signal, AMP CT

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors > CT Relay Header Assembly: Wire-to-Panel



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Plug to Plug Relay Header**

Mating Retention: **With**

Mating Retention Type: **Locking Latch**

Connector System: **Wire-to-Panel**

All CT Relay Header Assembly: Wire-to-Panel (38)

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector & Housing Type	Plug to Plug Relay Header
Connector System	Wire-to-Panel
Sealable	No

Configuration Features

Number of Positions	6
Number of Rows	1

Electrical Characteristics

Operating Voltage	125 VAC

Body Features

Primary Product Color	Blue

Contact Features

Contact Base Material	Brass
Contact Type	Pin
Contact Retention Within Housing	Without
Contact Current Rating (Max)	4 A

Mechanical Attachment

Panel Mount Feature Type	Latches
Strain Relief	Without
Panel Mount Feature	With
Mating Retention	With
Mating Retention Type	Locking Latch
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	Nylon 66
Centerline (Pitch)	2 mm[.078 in]

Dimensions

Connector Width	6 mm[.236 in]
Panel Thickness (Recommended)	.81 – 1.6 mm[.032 – .063 in]
Connector Height	12 mm[.472 in]
Connector Length	15.78 mm[.621 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

Compatible With Agency/Standards Products	CSA, UL
Compatible With Approved Standards Products	UL
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Bag & Box
Packaging Quantity	300

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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 1-353293-3
MINI CT MT REC ASSY 13P GRAY

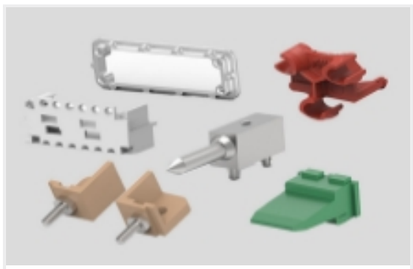


TE Part # CAT-AM7017-H8172
AMP COMMON TERMINATION HOUSINGS

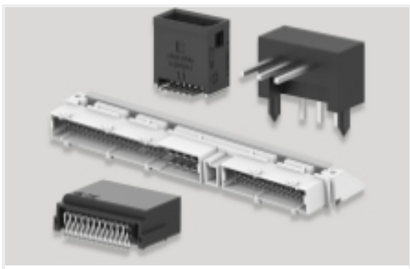
Also in the Series | AMP CT



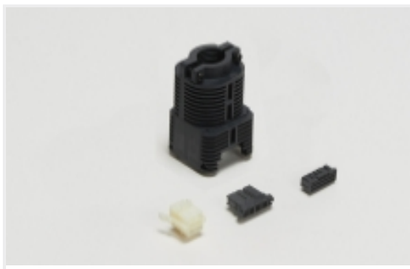
Connector Contacts(8)



Connector Hardware(39)



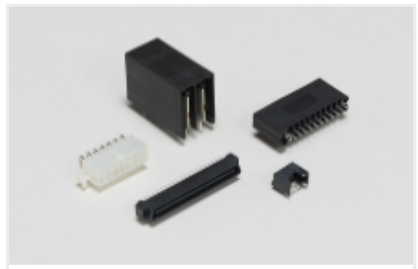
PCB Headers & Receptacles(739)



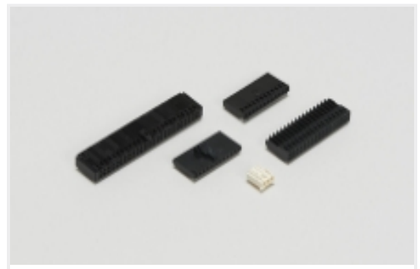
Rectangular Connector Housings(74)



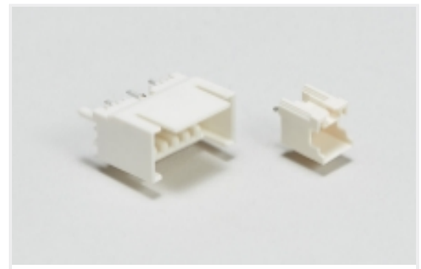
Rectangular Power Connectors(883)



Standard Rectangular Connectors(228)



Wire-to-Board Connector Assemblies & Housings(165)

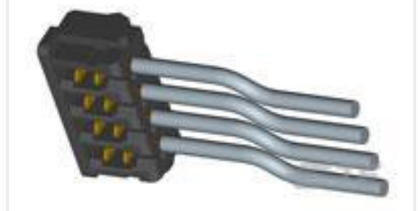


Wire-to-Board Headers & Receptacles (739)

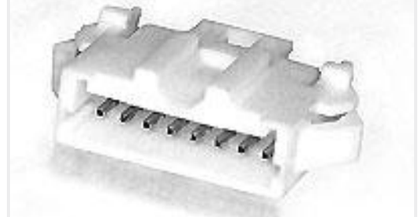
Customers Also Bought



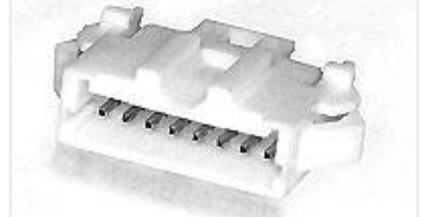
TE Part #3-175133-0
CT DOUBLE ROW 30P HOLDER NATU.



TE Part #2-179694-6
CT MT REC ASSY 6P GRAY



TE Part #292215-8
MINI CT SGL RELAY 8P NAT



TE Part #5-292215-6
MINI CT SGL RELAY 6P BLUE



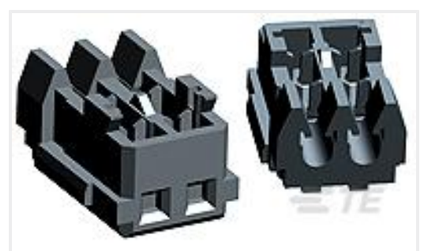
TE Part #1-292241-2
1.5 MINI CT HYBRID SF DRAWER P



TE Part #292254-2
CT RELAY HDR ASSY 2P NAT



TE Part #1-292254-1
CT RELAY HDR ASSY 11P NAT



TE Part #1-353293-2
MINI CT MT REC ASSY 12P GRAY



TE Part #2-2355088-0
MICRO CT CONN MT REC ASSEMBLY 20P



TE Part #2-2355088-2
MICRO CT CONN MT REC ASSEMBLY 22P

Documents

Product Drawings

CT RELAY HDR ASSY 6P BLUE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-292254-6_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-292254-6_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-292254-6_D.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

AMP COMMON TERMINATION (CT), CONNECTOR, 2mm PITCH, M/T TYPE, LEAD FREE VERSION

Japanese

Product Specification

Japanese

Agency Approvals

Agency Approval Document

English