

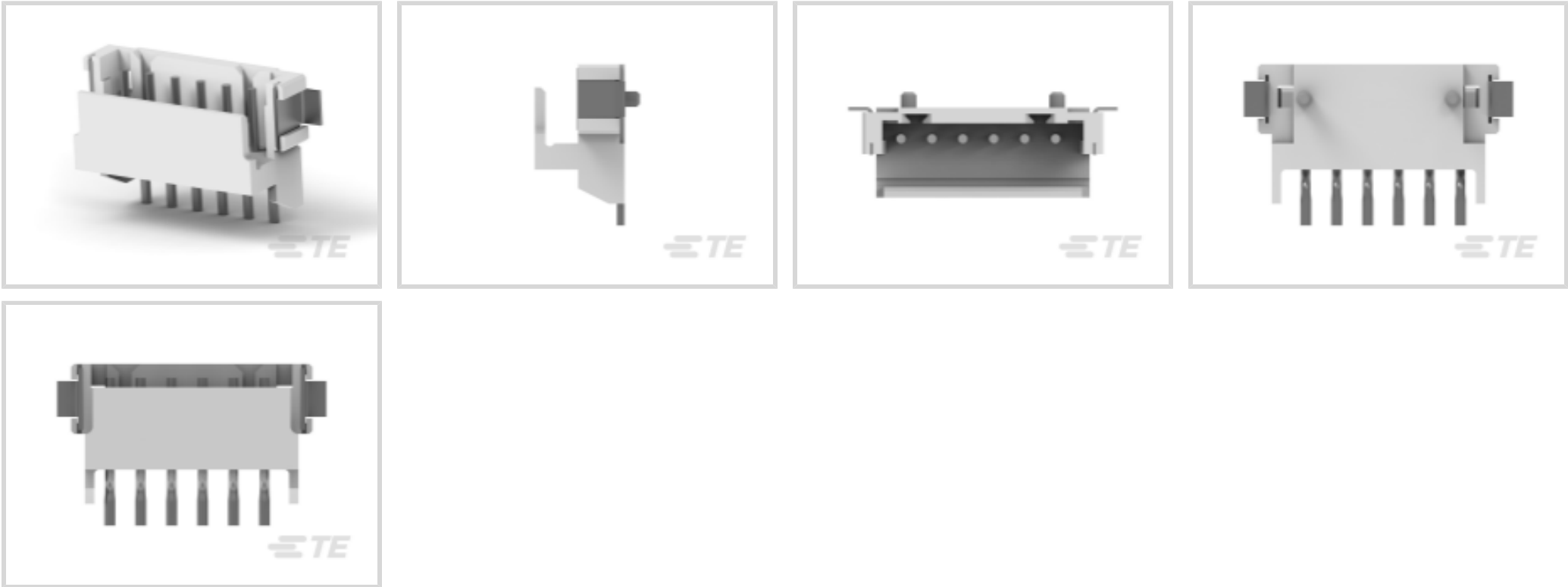


AMP CT

TE Internal #: 1-292173-6
PCB Mount Header, Right Angle, Wire-to-Board, 6 Position, 2 mm [.079 in] Centerline, Partially Shrouded, Tin (Sn), Surface Mount, AMP CT

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**
PCB Mount Orientation: **Right Angle**
Connector System: **Wire-to-Board**
Number of Positions: **6**
Centerline (Pitch): **2 mm [.079 in]**

Features

Product Type Features

PCB Connector Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Partially Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

PCB Mount Orientation	Right Angle
Number of Positions	6
Number of Rows	1

Electrical Characteristics

Operating Voltage	125 VDC
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Body Features

Primary Product Color	Natural
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Contact Features

Mating Pin Diameter	.6 mm[.024 in]
PCB Contact Termination Area Plating Material Thickness	1 – 2 µm[39.37 – 78.73 µin]
Contact Shape & Form	Round
Contact Layout	Inline
Contact Mating Area Length	4.2 mm[.165 in]
Contact Base Material	Brass
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Pin
Contact Current Rating (Max)	4 A
PCB Contact Termination Area Plating Material	Tin

Termination Features

Termination Post & Tail Diameter	.6 mm[.024 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	2 mm[.079 in]
Housing Material	6T PA GF

Dimensions

Connector Width	9 mm[.354 in]
PCB Thickness (Recommended)	.8 mm[.031 – .063 in]
Connector Height	5.8 mm[.228 in]
Connector Length	13.8 mm[.543 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	500
Packaging Method	Box, Tape

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	有害物质含量符合标准要求 No Restricted Substance(s) 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	Reflow solder capable to 245°C

Product Compliance Disclaimer

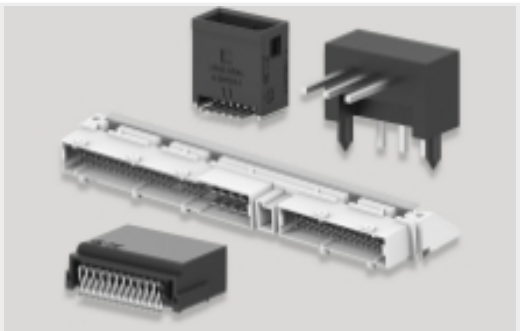
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

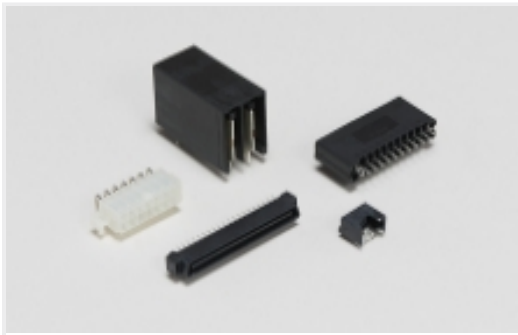
 TE Part # 179227-1 CRIMP TYPE II REC CONTACT	 TE Part # 179228-6 CRIMP TYPE II RECPT HSG	 TE Part # 1-353293-3 MINI CT MT REC ASSY 13P GRAY	 TE Part # 179610-1 AMP CT CRIMP-2 REC CONT. L/P
 TE Part # 2-179694-6 CT MT REC ASSY 6P GRAY	 TE Part # 173977-6 CT CONN MT REC ASSY 6P	 TE Part # 179227-4 AMP CT CRIMP-2 REC CONT AU	 TE Part # 179609-1 AMP CT CRIMP TTYPE-2 REC CONT.
 TE Part # 179518-1 CT CRIMP-2 REC CONT. L/P			

Also in the Series | AMP CT

 Connector Contacts(8)	 Connector Hardware(39)	 PCB Headers & Receptacles(735)	 Rectangular Connector Housings(55)
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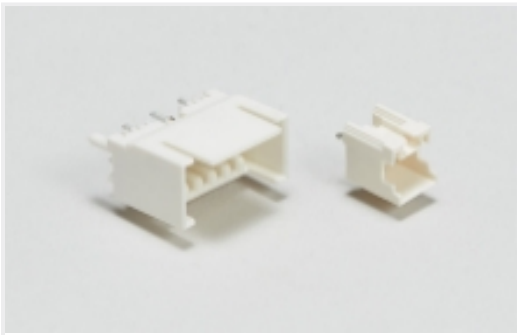
Rectangular Power Connectors(861)



Standard Rectangular Connectors(209)

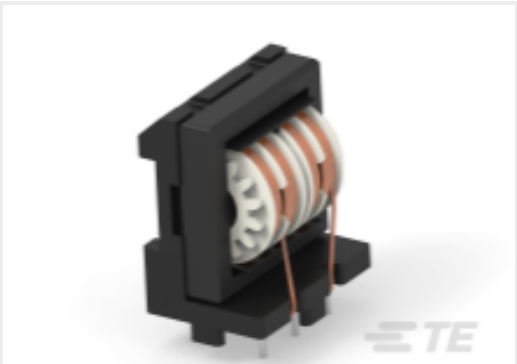


Wire-to-Board Connector Assemblies & Housings(146)



Wire-to-Board Headers & Receptacles (735)

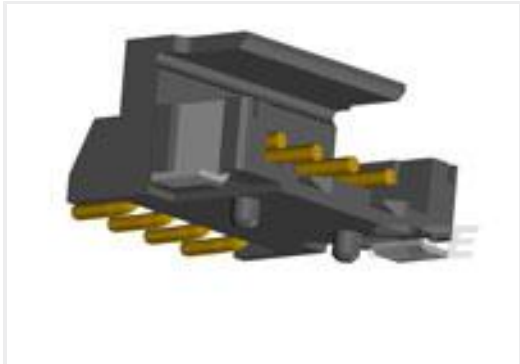
Customers Also Bought



TE Part #801069-SF
EV35-3.0-02-10M



TE Part #282969-1
PLZN.KEY,TERMI-BLOK PLUG



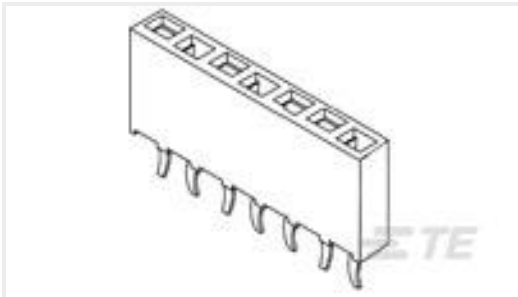
TE Part #1-292173-2
CT BOX HDR H SMT 2P O/TAPE NAT



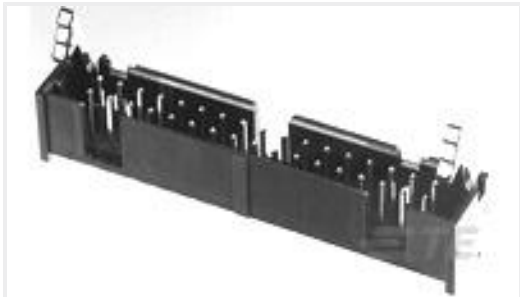
TE Part #350080-1
RING TERMINAL 18-14 0.245 X 1.110 TPSTL



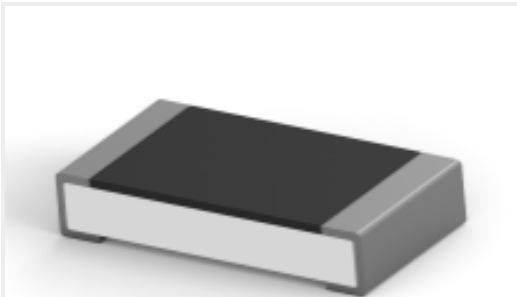
TE Part #1-1513472-5
UAM ASSEMBLY 270MM CABLE W /MHF4L CONN



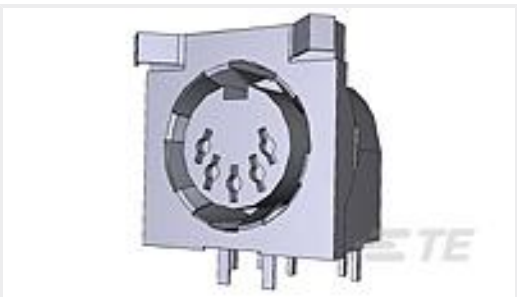
TE Part #1740280-7
HV100 CONNECTOR 90DEG 6,2MM



TE Part #2-1761608-9
IDC LOW PRO HDR 26P VERT SHT LAT BLUE



TE Part #2176388-9
RQ 1206 12R1 0.1% 10PPM 5K RL



TE Part #5750477-1
5 CIRC DIN RCPT W/GRND FINGERS



TE Part #6609020-3
2EB1=F7100 S0

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-292173-6_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-292173-6_B.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_1-292173-6_B.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

Agency Approvals

CSA Certificate

English

CSA Certificate

English