

1-292250-3 ✓ ACTIVE

AMP CT

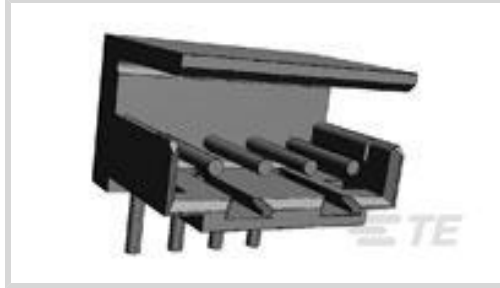
TE Internal #: 1-292250-3

PCB Mount Header, Right Angle, Wire-to-Board, 13 Position, 2 mm [.079 in] Centerline, Partially Shrouded, Tin, Through Hole - Solder, AMP CT

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles > CT 2mm Post Header Assembly Box H Kink



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

Connector System: **Wire-to-Board**

[All CT 2mm Post Header Assembly Box H Kink \(51\)](#)

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

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

Configuration Features

PCB Mount Orientation	Right Angle
Number of Positions	13
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 µm[39.37 µin]
Contact Shape & Form	Round
Contact Layout	Inline
Contact Mating Area Length	4.2 mm[.165 in]
Contact Base Material	Brass
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Bright
Contact Mating Area Plating Material	Tin
Contact Type	Pin
Contact Current Rating (Max)	4 A

Termination Features

Termination Post & Tail Diameter	.6 mm[.024 in]
Termination Post & Tail Length	3.2 mm[.126 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Retention Type	Detent Window
Mating Retention	Without
PCB Mount Retention Type	Kinked Legs
Mating Alignment Type	Polarization
PCB Mount Retention	With
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Housing Material	Nylon 66
Centerline (Pitch)	2 mm[.079 in]

Dimensions

Connector Width	5.8 mm[.228 in]
PCB Thickness (Recommended)	.8 mm[.031 – .063 in]
Connector Height	8.8 mm[.346 in]



Connector Length 27.8 mm[1.095 in]

Usage Conditions

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

Operation/Application

Assembly Process Feature Pick and Place Cover

Circuit Application Power & Signal

Industry Standards

Compatible With Agency/Standards Products UL, CSA

Compatible With Approved Standards Products UL E28476, CSA LR7189

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Quantity 200

Packaging Method Box, Bag

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 2024 (241)
 Candidate List Declared Against: JUNE 2024 (241)
 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 Wave solder capable to 240°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 # CAT-AM7017-C7671
Common Termination Contacts —
POWER TRIPLE LOCK



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

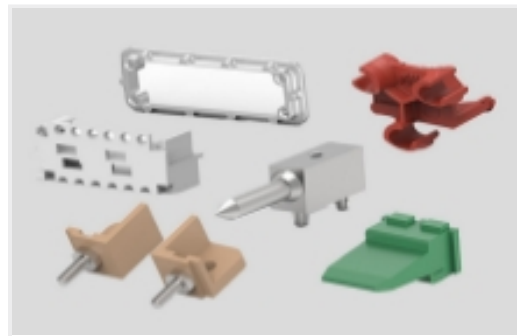


TE Part # 1-353293-3
MINI CT MT REC ASSY 13P GRAY

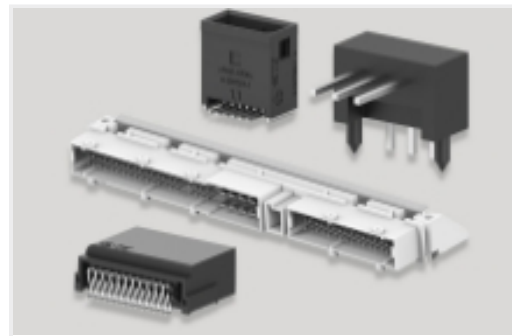
Also in the Series | AMP CT



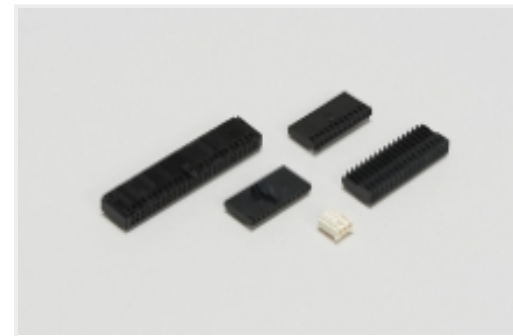
Connector Contacts(8)



Connector Hardware(46)



PCB Headers & Receptacles(756)

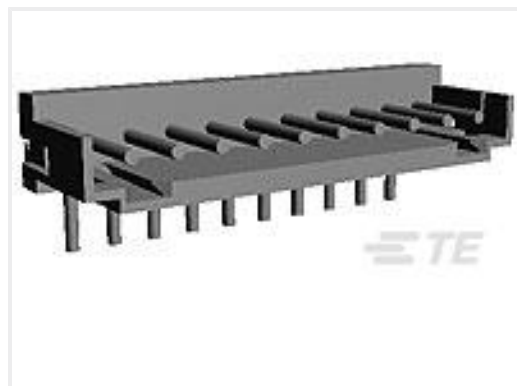


Wire-to-Board Connector Assemblies
& Housings(255)

Customers Also Bought



TE Part #1-179228-4
AMP COMMON TERMINATION
HOUSINGS



TE Part #1-292253-3
CT CONN MT HDR ASSY H 13P NAT



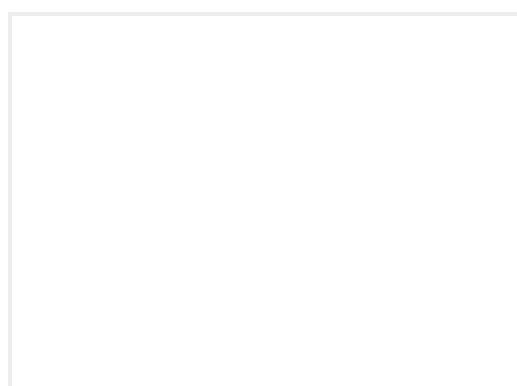
TE Part #1-292207-7
MINI CT SGL DIP V 17P NAT



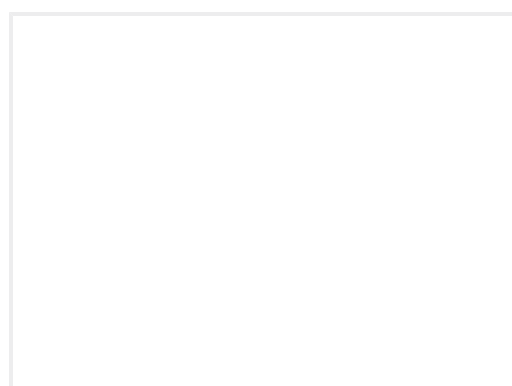
TE Part #2106003-2
Connector, SMT-IDC, 2 position,
18AWG



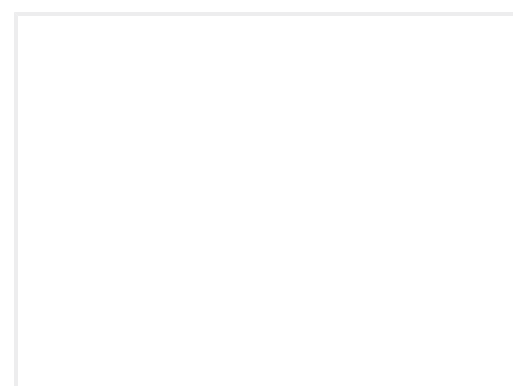
TE Part #2-292206-6
MINI CT SGL DIP H 6P BLACK



TE Part #8-292131-3
SGL HDR ASSY BOX DIP V POLARIS



TE Part #8-292129-3
SGL HDR ASSY BOX DIP H W/KINK



TE Part #8-292129-2
SGL HDR ASSY BOX DIP H W/KINK

Documents

Product Drawings

[CT P/HDR BOX H ASSY 13P W/KINK](#)



English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-292250-3_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-292250-3_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-292250-3_A.3d_stp.zip](#)

English

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

Product Specifications

Workmanship Specification

English