2-292175-2 ✔ ACTIVE

AMP CT

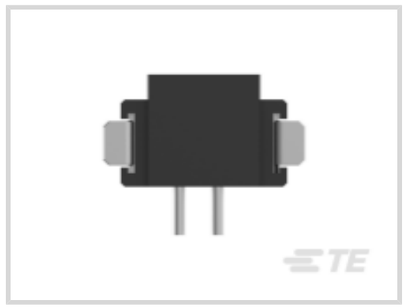
TE Internal #: 2-292175-2

PCB Mount Header, Vertical, Wire-to-Board, 2 Position, 2 mm [.079 in] Centerline, Partially Shrouded, Tin, Surface Mount, Power & Signal, AMP CT

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles > CT Box Header SMT: Vert, Shrouded




EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

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

PCB Mount Orientation: **Vertical**

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

All CT Box Header SMT: Vert, Shrouded (21)

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	Vertical
Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	125 VDC

Body Features

Primary Product Color	Black

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	4.5 mm[.177 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 Method to PCB	Surface Mount

Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Width	5.8 mm[.228 in]
PCB Thickness (Recommended)	.8 mm[.031 – .063 in]
Connector Height	7.8 mm[.307 in]
Connector Length	5.8 mm[.228 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	700
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	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	Reflow solder capable to 245°C

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

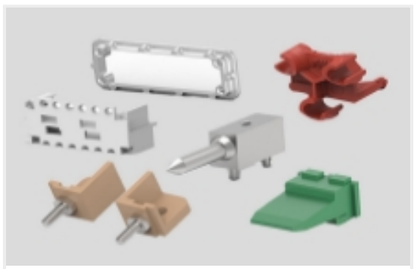
TE Part # CAT-AM7017-C7671
Common Termination Contacts — POWER TRIPLE LOCK

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

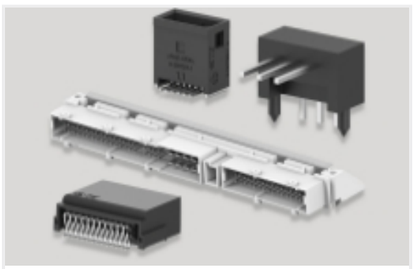
TE Part # 1-353293-3
MINI CT MT REC ASSY 13P GRAY

Also in the Series | AMP CT

Connector Contacts(8)



Connector Hardware(46)



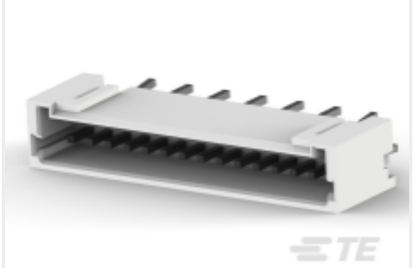
PCB Headers & Receptacles(756)

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

Customers Also Bought

TE Part #292230-4
1.5 MINI CT SGL V SMT W/BOSS 4

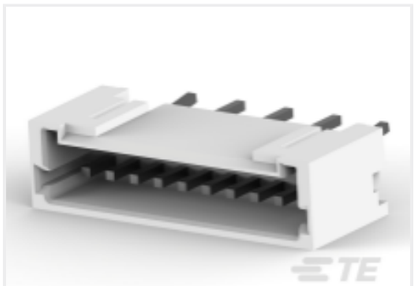
TE Part #3-292207-9
MINI CT SGL DIP V 19P BLACK



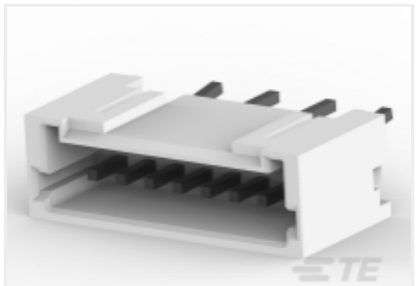
TE Part #3-292207-5
MINI CT SGL DIP V 15P BLACK

TE Part #3-292207-4
MINI CT SGL DIP V 14P BLACK

TE Part #3-292207-3
MINI CT SGL DIP V 13P BLACK



TE Part #3-292207-0
MINI CT SGL DIP V 10P BLACK



TE Part #2-292207-8
MINI CT SGL DIP V 8P BLACK

TE Part #2-292207-3
MINI CT SGL DIP V 3P BLACK

TE Part #3-292207-2
MINI CT SGL DIP V 12P BLACK

TE Part #8-292131-4
SGL HDR ASSY BOX DIP V POLARIS

Documents

Product Drawings

CT BOX HDR V SMT 2P O/TAPE BLA

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-292175-2_A2.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-292175-2_A2.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-292175-2_A2.3d_stp.zip

English

Product Specifications

Product Specification

English

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

Japanese

Product Specification

Japanese