292230-6 ✔ ACTIVE

AMP Mini CT

TE Internal #: 292230-6

PCB Mount Header, Vertical, Wire-to-Board, 6 Position, 1.5 mm [.059 in] Centerline, Fully Shrouded, Tin, Surface Mount, Signal, Natural, AMP Mini CT

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

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

PCB Mount Orientation: **Vertical**

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

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	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	6
Number of Rows	1

Electrical Characteristics

Operating Voltage	50 VDC

Body Features

Primary Product Color	Natural

Contact Features

Contact Mating Area Plating Material Thickness	1 µm[39.37 µin]

Mating Square Post Dimension	.5 mm[.02 in]
PCB Contact Termination Area Plating Material Thickness	1 µm[39.37 µin]
Contact Shape & Form	Square
Contact Layout	Staggered
Contact Mating Area Length	2.4 mm[.095 in]
Contact Base Material	Brass
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material	Tin
Contact Type	Pin
Contact Current Rating (Max)	2 A

Termination Features

Square Termination Post & Tail Dimension	.5 mm[.02 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

Mating Retention	With
Mating Alignment Type	Polarization
PCB Mount Retention Type	Boardlock
PCB Mount Alignment Type	Locating Posts
PCB Mount Retention	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Housing Material	Nylon
Centerline (Pitch)	1.5 mm[.059 in]

Dimensions

Connector Width	4.7 mm[.185 in]
PCB Thickness (Recommended)	.8 mm[.031 in]
Connector Height	6.9 mm[.272 in]
Connector Length	11.5 mm[.452 in]

Usage Conditions

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

Operation/Application

Circuit Application	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	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	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	Not Low Halogen - contains Br or Cl > 900 ppm.
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



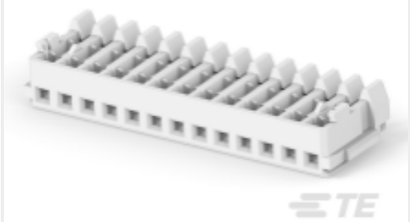
TE Part # CAT-AM7053-H8172
Mini Common Termination (CT) Housings



TE Part # CAT-AM7053-C7671
Mini Common Termination Contacts

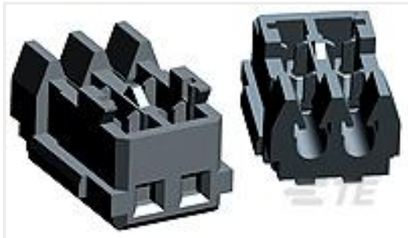


TE Part # 353293-6
MINI CT MT REC ASSY 6P GRAY



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

TE Part # 2405870-6
CT 6P 300MM CABLE ASSEMBLY 6-353908-6

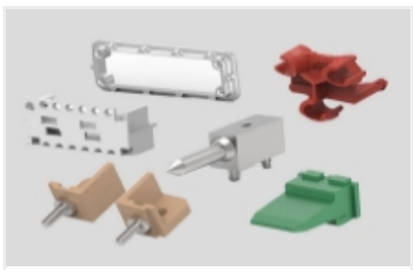


TE Part # 5-353293-6
MINI CT MT REC ASSY 6P BLUE

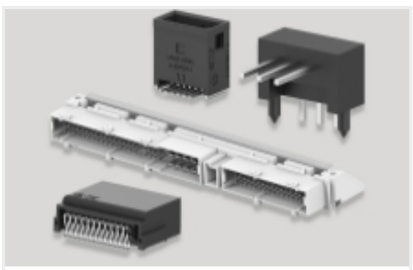
Also in the Series | AMP Mini CT



Connector Contacts(4)



Connector Hardware(10)



PCB Headers & Receptacles(332)



Wire-to-Board Connector Assemblies & Housings(172)

Customers Also Bought



TE Part #292175-4
CT Box Header SMT: Vert, Shrouded



TE Part #1-292230-0
1.5 MINI CT SGL V SMT W/BOSS 1



TE Part #292230-7
1.5 MINI CT SGL V SMT W/BOSS 7



TE Part #292231-4
1.5 MINI CT SGL V SMT W/O BOSS

TE Part #1-2308397-1
1.5 MINI CT SGL V SMT W/BOSS 11

TE Part #1-2308397-3
1.5 MINI CT SGL V SMT W/BOSS 13

TE Part #1-2308397-4
1.5 MINI CT SGL V SMT W/BOSS 14

TE Part #1-2308397-7
1.5 MINI CT SGL V SMT W/BOSS 17

TE Part #2-2308397-0
1.5 MINI CT SGL V SMT W/BOSS 20

Documents

Product Drawings

1.5 MINI CT SGL V SMT W/BOSS 6

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_292230-6_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_292230-6_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_292230-6_A.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL

English