1-292227-6 ✔ ACTIVE

AMP Mini CT

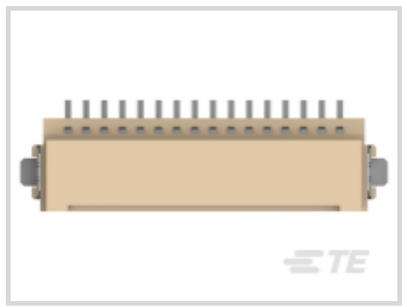
TE Internal #: 1-292227-6

PCB Mount Header, Right Angle, Wire-to-Board, 16 Position, 1.5 mm [.059 in] Centerline, Fully Shrouded, Tin, Surface Mount, Signal, AMP Mini CT

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles







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

Number of Positions: **16**

Number of Rows: **1**

Centerline (Pitch): **1.5 mm [.059 in]**

PCB Mount Orientation: **Right Angle**

Features

Product Type Features

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

Configuration Features

Number of Positions	16
Number of Rows	1
PCB Mount Orientation	Right Angle

Electrical Characteristics

Operating Voltage	50 VAC

Body Features

Primary Product Color	Natural

Contact Features

Contact Mating Area Length	2.4 mm[.095 in]
Mating Square Post Dimension	.5 mm[.02 in]
PCB Contact Termination Area Plating Material Thickness	1 µm[39.37 µin]
Contact Layout	Inline
Contact Shape & Form	Square
PCB Contact Termination Area Plating Material	Pre-Tin
Contact Base Material	Brass
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

PCB Mount Alignment Type	Locating Posts
Mating Alignment Type	Polarization
Mating Retention	With
PCB Mount Retention Type	Solder Peg
Mating Retention Type	Latch
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	With

Housing Features

Housing Material	Nylon 6T
Centerline (Pitch)	1.5 mm[.059 in]

Dimensions

Connector Length	28.5 mm[1.122 in]
Connector Height	7.7 mm[.303 in]
Connector Width	4.9 mm[.192 in]
PCB Thickness (Recommended)	.8 mm[.031 in]

Usage Conditions

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

Operation/Application

Assembly Process Feature	Pick and Place Cover
Circuit Application	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	200
Packaging Method	Reel

Product Compliance

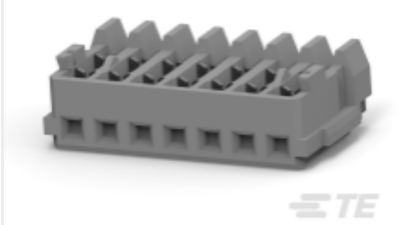
For compliance documentation, visit the product page on TE.com>

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

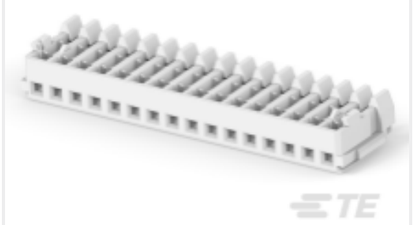
Compatible Parts



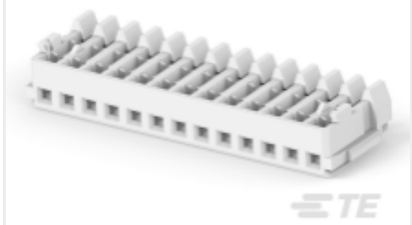
TE Part # CAT-AM7053-H8172
Mini Common Termination (CT) Housings



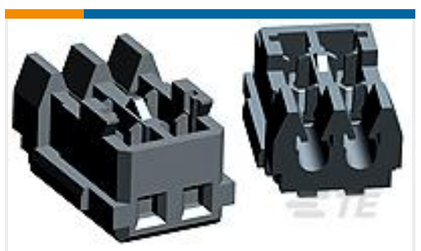
TE Part # CAT-AM7053-C7671
Mini Common Termination Contacts



TE Part # 1-353293-6
MINI CT MT REC ASSY 16P GRAY



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



TE Part # 6-353293-6
MINI CT MT REC ASSY 16P BLUR

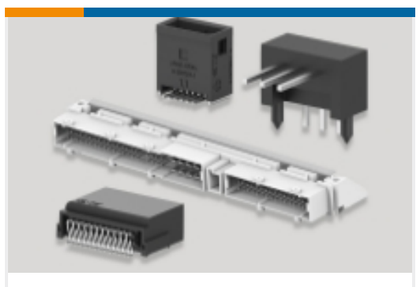
Also in the Series | AMP Mini CT



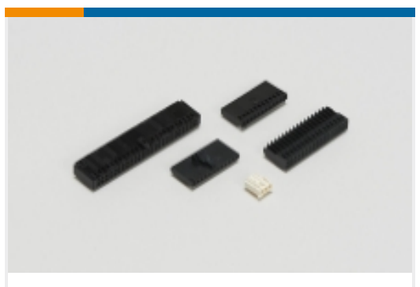
Connector Contacts(4)



Connector Hardware(10)

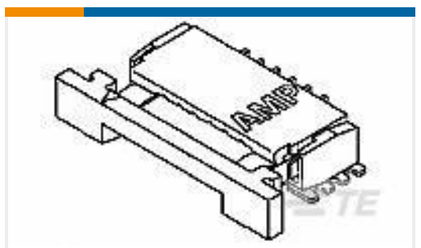


PCB Headers & Receptacles(332)



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

Customers Also Bought



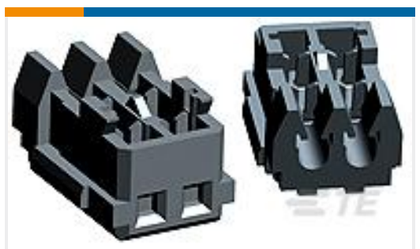
TE Part #84952-6
1MM FPC HORZ.BTTM CONT.ASS.6P



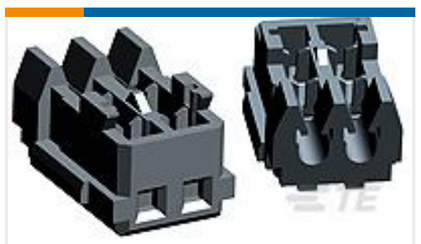
TE Part #292227-2
1.5 MINI CT SGL H SMT W BOSS 2



TE Part #292227-3
1.5 MINI CT SGL H SMT W BOSS 3



TE Part #1-353293-6
MINI CT MT REC ASSY 16P GRAY



TE Part #1-353293-4
MINI CT MT REC ASSY 14P GRAY



TE Part #1-292227-0
1.5 MINI CT SGL H SMT W BOSS 1



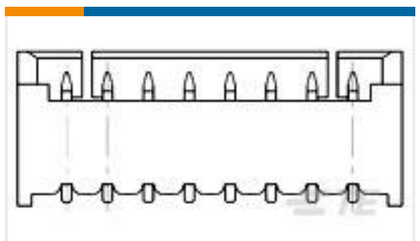
TE Part #103906-2
03 MTE HDR SRRA LATCH .100CL



TE Part #2351449-3
UMINSA SW RLEV0.74N 0.1A/30VDC NO PCB



TE Part #1-292227-4
1.5 MINI CT SGL H SMT W BOSS 1



TE Part #1734829-2
1.25 WTB HDR DIP, 2 POS

Documents

Product Drawings

1.5 MINI CT SGL H SMT W BOSS 1

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-292227-6_A1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-292227-6_A1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-292227-6_A1.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

2380312-2 3631B101LL 1-794222-0 3-1393225-0 1-962915-1 2310537-1 917696-1 U5254-000005-030PA 175977-2 2005330-1 RH73H2A40MKTN TE50BR39J SMW73R0JT 2377783-2 3430B2F51RTDF 650075-000 CPF0402B37K4E1 MPT100C18RF ROX05SJ18R SBCHE64R7K 1393431-1 1903112-2 2834055-1 936348-1 CRGCQ2010J3K3 1969656-1 2-292161-3 SBCHE154R7K 141991-2 1743455-2