4-292208-0 ✔ ACTIVE

AMP Mini CT

TE Internal #: 4-292208-0

PCB Mount Header, Vertical, Wire-to-Board, 40 Position, 1.5 mm [.059 in] Centerline, Fully Shrouded, Tin (Sn), Through Hole - Solder, AMP Mini CT

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **40**

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

Features

Product Type Features

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

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	40
Number of Rows	2

Electrical Characteristics

Operating Voltage	50 VDC

Body Features

Primary Product Color	Gray

Contact Features

Mating Square Post Dimension	.5 mm[.02 in]
Contact Shape & Form	Square
PCB Contact Termination Area Plating Material Thickness	1 µm[39.37 µin]

Contact Layout	Staggered
Contact Mating Area Length	2.4 mm[.095 in]
Contact Base Material	Brass
PCB Contact Termination Area Plating Material	Pre-Tin
Contact Mating Area Plating Material	Tin (Sn)
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	1 µm[39.37 µin]
Contact Type	Pin
Contact Current Rating (Max)	2 A

Termination Features

Termination Post & Tail Length	3 mm[.118 in]
Square Termination Post & Tail Dimension	.5 mm[.02 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

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

Dimensions

Row-to-Row Spacing	2 mm[.079 in]
Connector Width	8.3 mm[.326 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Height	7.4 mm[.291 in]
Connector Length	35.5 mm[1.397 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	850
Packaging Method	Box, Tray

Product Compliance

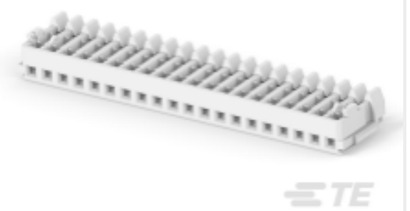
For compliance documentation, visit the product page on TE.com>

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°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 # 2-353293-0
MINI CT MT REC ASSY 20P GRAY



TE Part # 2-353908-0
CT REC HSG 20P CRIMP TYPE WHIT

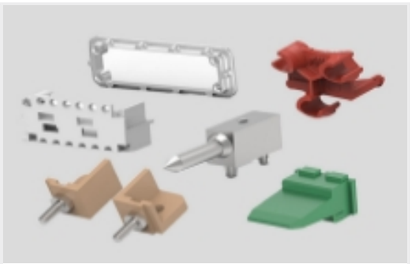


TE Part # 4-353294-0
AMP MINI D/R HDR HSG 40P NATU

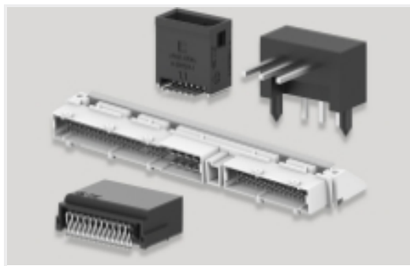
Also in the Series | AMP Mini CT



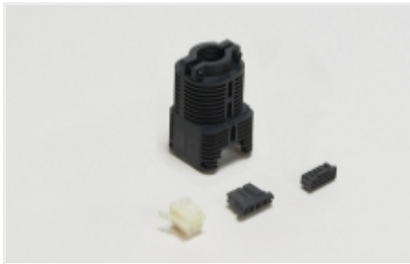
Connector Contacts(4)



Connector Hardware(10)



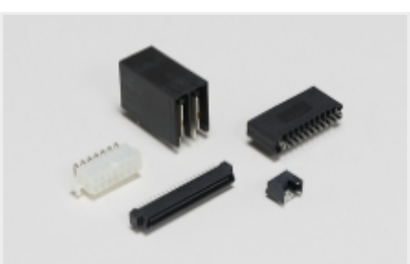
PCB Headers & Receptacles(332)



Rectangular Connector Housings(38)



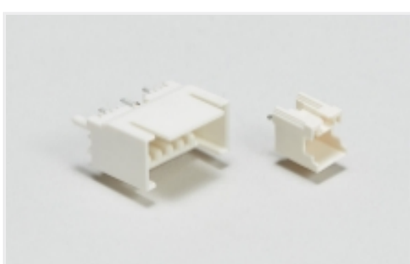
Rectangular Power Connectors(76)



Standard Rectangular Connectors(172)



Wire-to-Board Connector Assemblies & Housings(114)



Wire-to-Board Headers & Receptacles (332)

Customers Also Bought



TE Part #CAT-3983178-PHBXVD
CT 2mm Post Header Asmbly: Box V DIP



TE Part #CAT-3980408-PHDWKV
CT 2mm Post Header Assembly with Kink - Vertical



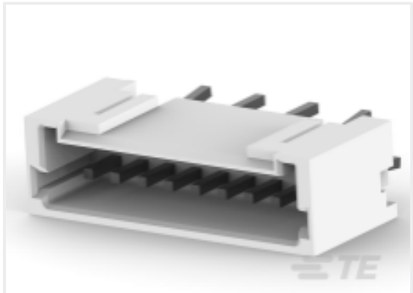
TE Part #292207-6
MINI CT SGL DIP V 6P NAT



TE Part #1-292207-2
MINI CT SGL DIP V 12P NAT



TE Part #1-292207-3
MINI CT SGL DIP V 13P NAT



TE Part #2-292207-9
MINI CT SGL DIP V 9P BLACK

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_4-292208-0_E.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_4-292208-0_E.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_4-292208-0_E.3d_stp.zip

English

3D PDF

English

Customer View Model
ENG_CVM_4-292208-0_O.3d_igs.zip

English

Customer View Model
ENG_CVM_4-292208-0_O.3d_stp.zip

English

Customer View Model
ENG_CVM_4-292208-0_O.2d_dxf.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL

English