AMP CT

TE Internal #: 2-292252-0

PCB Mount Header, Vertical, Wire-to-Board, 20 Position, 2 mm [. 079 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder,

Power & Signal, AMP CT

View on TE.com >



Connectors > PCB Connectors > PCB Headers & Receptacles > CT 2mm Dbl Row Assembly w/Boss: Vert.



Connector System: Wire-to-Board

Number of Positions: 20

Number of Rows: 2

Centerline (Pitch): 2 mm [.079 in]
PCB Mount Orientation: Vertical

All CT 2mm Dbl Row Assembly w/Boss: Vert. (26)

PCB Contact Termination Area Plating Material Thickness

Features

Product Type 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	20
Number of Rows	2
PCB Mount Orientation	Vertical
Electrical Characteristics	
Operating Voltage	125 VAC
Body Features	
Primary Product Color	Natural
Contact Features	
Contact Mating Area Length	4.7 mm[.185 in]

1 μm[39.37 μin]



Contact Layout	Inline
Mating Pin Diameter	.6 mm[.024 in]
Contact Mating Area Plating Material Thickness	1 μm[39.37 μin]
Contact Shape & Form	Round
Contact Mating Area Plating Material Finish	Matte
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
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	
PCB Mount Alignment Type	Locating Posts
Mating Alignment Type	Polarization
Mating Retention	Without
PCB Mount Retention Type	Kinked Legs
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	With
Housing Features	
Housing Material	Nylon
Centerline (Pitch)	2 mm[.079 in]
Dimensions	
Connector Length	10.7 mm[.421 in]
Connector Height	7.5 mm[.295 in]
Connector Width	25.9 mm[1.019 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Row-to-Row Spacing	6.5 mm[.255 in]



Usage Conditions

Operating Temperature Range	-22 – 221 °C[-30 – 105 °F]
Operation/Application	
Assembly Process Feature	Pick and Place Cover
Circuit Application	Power & 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	170

Box, Tray

Product Compliance

Packaging Method

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



CT DBL ROW HOLDER,MT,20P,NA





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 #292206-9
MINI CT SGL DIP H 9P NAT



TE Part #1-292252-6 CT DOUBLE ROW ASSY V 16P HDR N

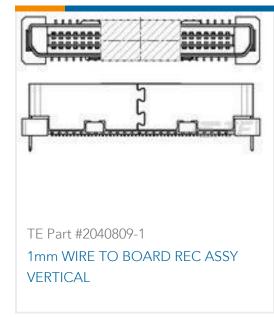


TE Part #2-292230-0 1.5 MINI CT SGL V SMT W/BOSS 2



TE Part #1-292250-1 CT P/HDR BOX H ASSY 11P W/KINK









Documents

Product Drawings
CT DOUBLE ROW ASSY V 20P HDR N

English

PCB Mount Header, Vertical, Wire-to-Board, 20 Position, 2 mm [.079 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, Power & Signal, AMP CT



CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-292252-0_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-292252-0_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-292252-0_A.3d_stp.zip

English

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Product Specifications

Application Specification

English

AMP Mini CT Hybrid Lattice Connector

English