

AMP Mini CT

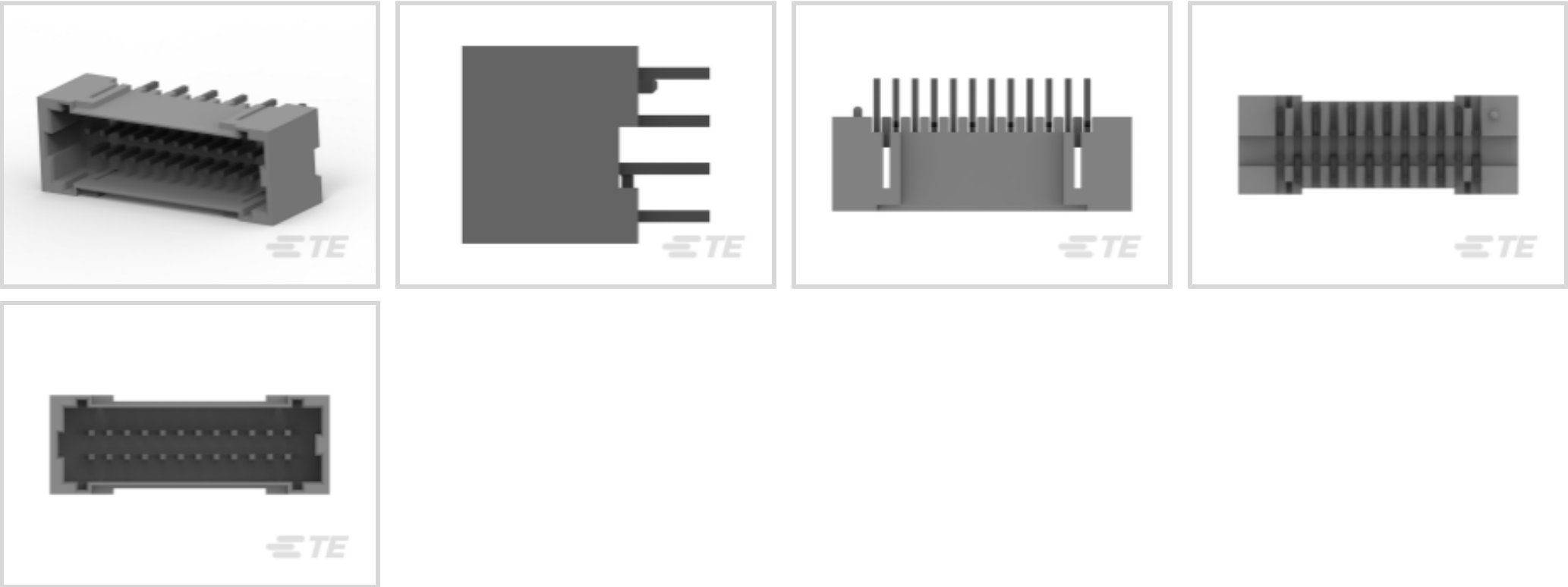
TE Internal #: 2-292208-4

PCB Mount Header, Vertical, Wire-to-Board, 24 Position, 1.5 mm [.059 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, Signal, AMP Mini CT

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Connectors > PCB Connectors > PCB Headers & Receptacles



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

Number of Positions: **24**

Number of Rows: **2**

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

PCB Mount Orientation: **Vertical**

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	24
Number of Rows	2
PCB Mount Orientation	Vertical

Electrical Characteristics

Operating Voltage	50 VAC
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Body Features

Primary Product Color	Gray
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Contact Features

Contact Layout	Staggered
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 Mating Area Plating Material Thickness	1 µm[39.37 µin]
Contact Shape & Form	Square
Contact Mating Area Plating Material Finish	Matte
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 Post & Tail Length	3 mm[.118 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

PCB Mount Alignment Type	Locating Posts
Mating Alignment Type	Polarization
Mating Retention	With
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 (G.F)
Centerline (Pitch)	1.5 mm[.059 in]

Dimensions

Connector Length	23.5 mm[.925 in]
Connector Height	7.4 mm[.291 in]



Connector Width	8.3 mm[.326 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Row-to-Row Spacing	2 mm[.079 in]

Usage Conditions

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

Assembly Process Feature	Pick and Place Cover
Circuit Application	Signal

Industry Standards

Agency/Standard	CSA, UL
Approved Standards	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	850
Packaging Type	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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 # 2-353294-4
AMP MINI D/R HDR HSG 24P NATU



TE Part # 1-353908-2
CT REC HSG 12P CRIMP TYPE WHIT

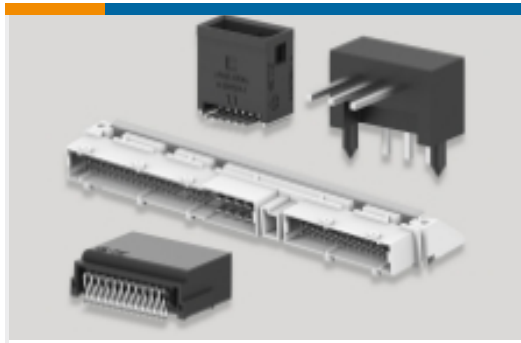


TE Part # 1-353293-2
MINI CT MT REC ASSY 12P GRAY

Also in the Series | AMP Mini CT



PCB Connector Mounting(10)



PCB Headers & Receptacles(332)



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



Wire-to-Board Connector Contacts(4)

Documents

Product Drawings
MINI CT D/R DIP 24P V NAT
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2-292208-4_E.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_2-292208-4_E.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_2-292208-4_E.3d_stp.zip
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3D PDF



English

Customer View Model

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Customer View Model

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English

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Datasheets & Catalog Pages

[6-1773454-5_AMP_Mini_CT_Connector_Series_QRG](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[MD_2-292208-4_06222018647_dmtec](#)

English

[MD_2-292208-4_06222018647_dmtec](#)

English

Agency Approvals

[UL](#)

English