292272-3 ✔ ACTIVE

AMP Mini CT

TE Internal #: 292272-3

AMP Mini CT, PCB Mount Header, Vertical, Wire-to-Board, 3 Position, 1.5mm [.059in] Centerline, 1 Row, Gold, Natural, Shrouded, Printed Circuit Board

View on TE.com >

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Headers & Receptacles

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

PCB Mount Orientation: **Vertical**

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

Number of Positions: **3**

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

Features

Product Type Features

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

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	50 VAC

Contact Features

Contact Layout	Staggered
Contact Mating Area Length	2.4 mm[.095 in]
Mating Square Post Dimension	.5 mm[.02 in]
Contact Retention Within Housing	Without
PCB Contact Termination Area Plating Material Thickness	.381 µm[15 µin]
Contact Shape & Form	Square

PCB Contact Termination Area Plating Material	Gold
Contact Base Material	Brass
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.38 µm[15 µin]
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
PCB Mount Retention Type	Kinked Legs
PCB Mount Alignment	Without
Mating Retention	With
PCB Mount Retention	With
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	1.5 mm[.059 in]
Housing Color	Natural
Housing Material	Nylon (G.F)

Dimensions

Connector Length	7 mm[.2756 in]
Connector Height	6.9 mm[.272 in]
Connector Width	4.7 mm[.185 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Wire Size	28 – 24 AWG

Usage Conditions

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

Operation/Application

Assembly Process Feature	Pick and Place Cover
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
Agency/Standard	CSA
Agency/Standard Number	CSA, UL
CSA File Number	LR 7189-133
UL File Number	E28476

Packaging Features

Packaging Quantity	850
Packaging Method	Box

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: JAN 2020 (205) Candidate List Declared Against: JUN 2018 (191) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JUN 2018 (191)
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 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the

product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

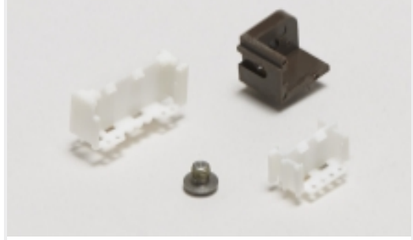
Compatible Parts

TE Model / Part # 353293-3
MINI CT MT REC ASSY 3P GRAY

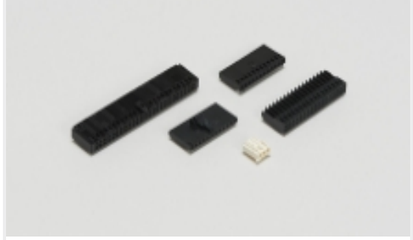
TE Model / Part # 353918-1
CT 1.5MM REC CONT CRIMP TYPE

TE Model / Part # 353908-3
CT REC HSG 3P CRIMP TYPE WHITE

Also in the Series | AMP Mini CT

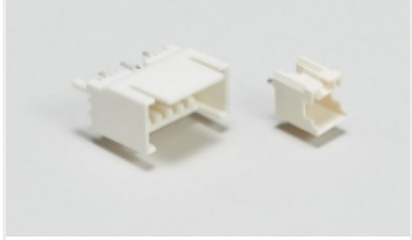


PCB Connector Mounting(10)



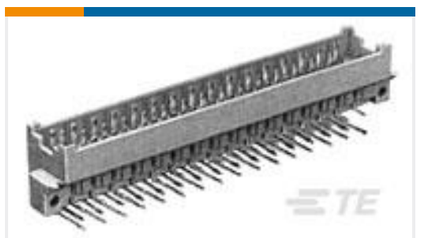
Wire-to-Board Connector Assemblies & Housings(172)

Wire-to-Board Connector Contacts(4)



Wire-to-Board Headers & Receptacles (331)

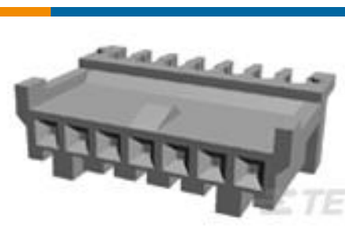
Customers Also Bought



TE Model / Part #5175439-1
IEC CONN. TYPE F MALE ASSY (48POS)

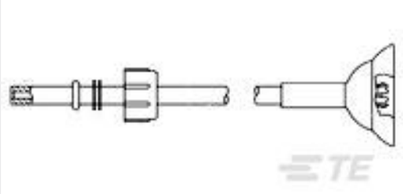
TE Model / Part #292272-5
S/R POST HDR ASSY V DIP AU-PL. 5P GRAY

TE Model / Part #1-292272-0
SGL ROW POST HDR (V) DIP (GOLD



TE Model / Part #1-172051-0
10P MTEI RCPT HSG ASY 22

TE Model / Part #1-172051-2
12P MTEI RCPT HSG ASY 22



TE Model / Part #5-846977-5
LGH 1L CATH LEAD MLD

TE Model / Part #6-837655-8
LEAD, SGL END ASSY, LGH

TE Model / Part #755413-1
D.A.H.T. FOR 250 F-F 170153

TE Model / Part #846950-4
LGH DBL MLD END LEAD

TE Model / Part #91512-3
CC II HEAD ASSY CMNL 24-18

Documents

Product Drawings

MINI CT SGL ROW POST HDR ASSY V DIP STAG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_292272-3_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_292272-3_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_292272-3_B.3d_stp.zip

English

Product Specifications

Application Specification

English

Agency Approvals

UL

English