DBL ROW (H) DIP TYPE WITH BOAR ✔ ACTIVE

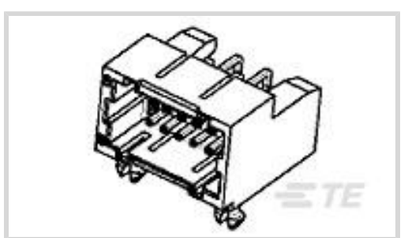
AMP Mini CT

TE Part # 4-292262-0

TE Internal #: 4-292262-0

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: **Right Angle**

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

Number of Positions: **40**

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	Right Angle
Number of Positions	40
Number of Rows	2

Electrical Characteristics

Operating Voltage	50 VAC

Contact Features

Contact Layout	Staggered
PCB Contact Termination Area Plating Material Thickness	1 µm[39.37 µin]
Mating Post Length	2.9 mm[.114 in]
Contact Shape	Square
PCB Contact Termination Area Plating Material	Pre-Tin
Contact Base Material	Brass
Contact Mating Area Plating Material	Pre-Tin

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
Contact Transmits (Typical)	Signal (Data)
Contact Design	Square Post

Termination Features

Termination Post & Tail Length	3 mm[.118 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Mating Alignment	With
PCB Mount Retention Type	Boardlock
PCB Mount Alignment	With
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 Width	9.1 mm[.358 in]
Connector Length	35.5 mm[1.397 in]
Connector Height	13.15 mm[.5177 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Wire Size	28 – 24 AWG

Usage Conditions

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

Operation/Application

Assembly Process Feature	Pick and Place Cover

Industry Standards

UL Flammability Rating	UL 94V-0

Agency/Standard	UL
Agency/Standard Number	CSA, UL
CSA File Number	LR 7189-133
UL File Number	E28476

Packaging Features

Packaging Quantity	520
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 2019 (197) Candidate List Declared Against: JAN 2018 (181)
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 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 Part # 353907-1
CT 1.5MM REC CONT CRIMP TYPE



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



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 # 353918-1
CT 1.5MM REC CONT CRIMP TYPE

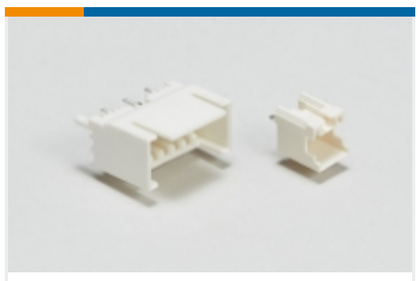
Also in the Series | AMP Mini CT



Wire-to-Board Connector Contacts(4)

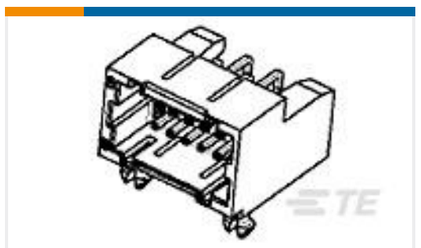


Wire-to-Board Connector Housings(86)

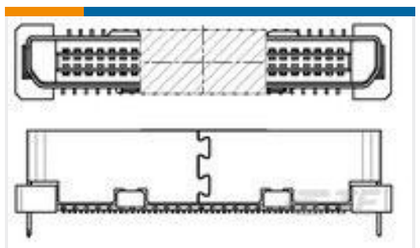


Wire-to-Board Headers & Receptacles(387)

Customers Also Bought



TE Part #2-292262-8
DBL ROW (H) DIP TYPE WITH BOAR



TE Part #2040809-1
1mm WIRE TO BOARD REC ASSY VERTICAL



TE Part #5-5179232-4
0.8FH,R09H.5,100,08/Sn, TU,SC



TE Part #6-5179230-4
0.8FH,P08H.5,100,08/Sn, TU,SC



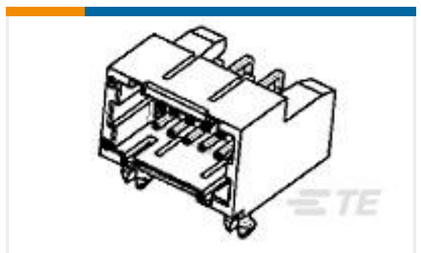
TE Part #6376118-1
MIII SOCKET (V)



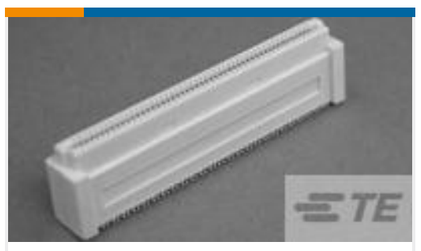
TE Part #1-1318123-1
DYNAMIC D2100 HDR V ASSY 3P SEQUENTIAL



TE Part #1-1318126-2
V-HDR ASSY 12P FOR SEQUENTIAL



TE Part #2-292262-4
DBL ROW (H) DIP TYPE WITH BOAR



TE Part #5-5179233-4
0.8FH,R13H.5,100,08/Sn, TU,SC



TE Part #5178238-8
CHAMP.050 REC ASS'Y 68P PB-FREE

Documents

Product Drawings

DBL ROW (H) DIP TYPE WITH BOAR

English

CAD Files

Customer View Model

ENG_CVM_4-292262-0_B.3d_igs.zip

English

Customer View Model

ENG_CVM_4-292262-0_B.3d_stp.zip

English

Customer View Model

ENG_CVM_4-292262-0_B.2d_dxf.zip

English

3D PDF

English

Datasheets & Catalog Pages

6-1773454-5_AMP_Mini_CT_Connector_Series_QRG

English

Product Specifications

Product Specification

Japanese

AMP MINI CCOMMON TERMINATION (CT), CONNECTOR, 1.5mm PITCH, M/T TYPE, LEAD FREE VERSION

Japanese

Product Specification

Japanese

AMP Mini CT Connector 1.5mm Pitch (Crimp Type), Lead Free Version

Japanese

Agency Approvals

UL

English