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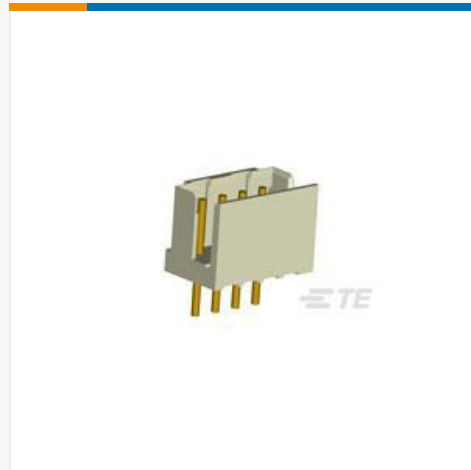
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Connectors > PCB Connectors > Wire-To-Board Connectors > Headers & Receptacles

# 6-292132-3

AMP CT, PCB Mount Header, Vertical, Wire-to-Board, 3 Position, 2mm [.079in] Centerline, 1 Row, Tin, Black, Shrouded, Power & Signal, UL 94V-0, Bag/Box



AMP CT

TE Internal #: **6-292132-3**

TE Internal Description: **CT P/HDR BOX V 3P BLACK**

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

PCB Mount Orientation : **Vertical**

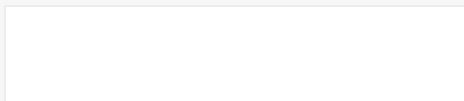
Connector System : **Wire-to-Board**

Number of Positions : **3**

Centerline (Pitch) : **2 mm [.079 in]**

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**Compatible Parts & Tooling**



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Get in touch with our product experts.

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Documents	Features	Product Compliance
Product Drawings	CT P/HDR BOX V 3P BLACK <a href="#">CT P/HDR BOX V 3P BLACK</a> English	
CAD Files	PCB Design <a href="#">Download symbol &amp; footprint (SnapEDA)</a> <a href="#">Download symbol &amp; footprint (Ultra Librarian)</a> 3D PDF <a href="#">3D_CVM_CVM_6-292132-3_B1.pdf</a> 3D Customer View Model <a href="#">ENG_CVM_CVM_6-292132-3_B1.2d_dxf.zip</a> English <a href="#">ENG_CVM_CVM_6-292132-3_B1.3d_igs.zip</a> English <a href="#">ENG_CVM_CVM_6-292132-3_B1.3d_stp.zip</a> English	
Datasheets & Catalog Pages	2.0MM_AMP_CT_CONNECTOR_SERIES_QUICK_REF_GUIDE <a href="#">ENG_DS_1-1773455-8_CT_CONNECTOR_SERIES_QRG_0414_1-1773455-8_AMP_CT_Connector_Series.pdf</a> English	
Product Specifications	AMP COMMON TERMINATION (CT), CONNECTOR, 2mm PITCH, M/T TYPE, LEAD FREE VERSION <a href="#">3-60016-1_C.tif</a> Japanese	

Product Specification

[↓ JPN\\_SS\\_108-60016-1\\_C.pdf](#) Japanese

Product Specification

[↓ ENG\\_SS\\_108-40018\\_F.pdf](#) English

[↓ ENG\\_SS\\_108-60016\\_E1.pdf](#) English

Product  
Environmental  
Compliance

TE Material Declaration

[↓ ENG\\_PC\\_MD\\_6-292132-3\\_C.pdf](#) English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

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 (VDC): **125**

Contact Features

Contact Base Material : **Brass**  
PCB Contact Termination Area Plating Material : **Tin**  
Contact Shape & Form : **Rounded**  
Contact Retention Within Housing : **Without**  
Contact Mating Area Plating Material : **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) (A): **4**

Termination  
Features

Termination Post & Tail Length : **3.2 mm [ .126 in ]**  
Termination Method to Printed Circuit Board :  
**Through Hole - Solder**

Mechanical  
Attachment

PCB Mount Retention Type : **Kinked Legs**  
PCB Mount Alignment : **Without**  
Mating Retention : **Without**  
PCB Mount Retention : **With**  
Connector Mounting Type : **Board Mount**

Housing Features

Centerline (Pitch) : **2 mm [ .079 in ]**  
Housing Color : **Black**  
Housing Material : **66 Nylon**



Dimensions	<p>Wire Size (AWG): <b>28 – 22</b></p> <p>PCB Thickness (Recommended): <b>.8 mm [ .031 – .063 in ]</b></p> <p>Connector Width: <b>5.8 mm [ .228 in ]</b></p> <p>Connector Height: <b>6.8 mm [ .267 in ]</b></p>
Usage Conditions	Operating Temperature Range: <b>-40 – 221 °C [ -40 – 105 °F ]</b>
Operation/Application	<p>Assembly Process Feature: <b>Pick and Place Cover</b></p> <p>Circuit Application: <b>Power &amp; Signal</b></p>
Industry Standards	UL Flammability Rating: <b>UL 94V-0</b>
Packaging Features	<p>Packaging Quantity: <b>1000</b></p> <p>Packaging Method: <b>Bag/Box</b></p>
EU RoHS Directive 2011/65/EU	<p><i>This declaration covers EU Directive 2011/65/EU incl. Delegated Directive 2015/863/EU. The restrictions under 2015/863/EU apply as of 22 July 2021 for EEE categories 8 (medical devices) and 9 (monitoring and control equipment).</i></p>
EU ELV Directive 2000/53/EC	
China RoHS 2 Directive MIIT Order No 32, 2016	
EU REACH Regulation (EC) No. 1907/2006	<p>ECHAによる現在の候補リスト: <b>2019年7月(201)</b></p> <p>候補リストの表記: <b>2018年6月(191)</b></p>
Halogen Content	
Solder Process Capability	Wave solder capable to 265°C
Statement of Compliance	<a href="#">Statement of Compliance pdf</a>
Compliance Documents	There may be Environmental Compliance related documents on the <a href="#">DOCUMENTATION Tab</a>
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.

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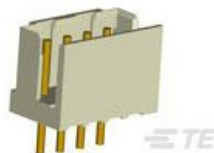
**Non-Stocked**

PCB Connector Assembly Type : **PCB Mount Header**  
 PCB Mount Orientation : **Vertical**  
 Connector System : **Wire-to-Board**  
 Number of Positions : **3**  
 Centerline (Pitch) : **2 mm**

WIRE-TO-BOARD HEADERS &...

[4-292132-3](#)

AMP CT, PCB Mount Header, Vertical, Wire-to-Board, 3...



**In-Stock**

PCB Connector Assembly Type : **PCB Mount Header**  
 PCB Mount Orientation : **Vertical**  
 Connector System : **Wire-to-Board**  
 Number of Positions : **3**  
 Centerline (Pitch) : **2 mm**

WIRE-TO-BOARD HEADERS &...

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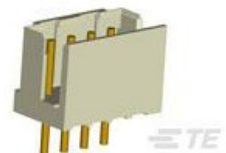
From **In-Stock**

PCB Connector Assembly Type : **PCB Mount Header**  
 PCB Mount Orientation : **Vertical**  
 Connector System : **Wire-to-Board**  
 Number of Positions : **3**  
 Centerline (Pitch) : **2 mm**

WIRE-TO-BOARD HEADERS &...

[6-292132-2](#)

AMP CT, PCB Mount Header, Vertical, Wire-to-Board, 2...



**Non-Stocked**

PCB Connector Assembly Type : **PCB Mount Header**  
 PCB Mount Orientation : **Vertical**  
 Connector System : **Wire-to-Board**  
 Number of Positions : **2**  
 Centerline (Pitch) : **2 mm**



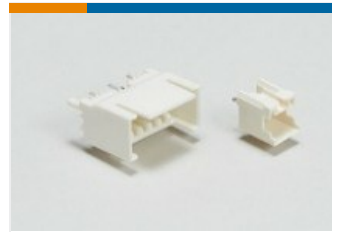
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