# 292134-5 - ACTIVE

### AMP CT

TE Internal #: 292134-5 PCB Mount Header, Vertical, Wire-to-Board, 5 Position, .079 in [2 mm] Centerline, Partially Shrouded, Gold, Through Hole - Solder, AMP CT

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Connectors > PCB Connectors > PCB Headers & Receptacles



### Connector System: Wire-to-Board

Number of Positions: 5

Number of Rows: 1

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

PCB Mount Orientation: Vertical

### Features

### **Product Type Features**

Connector System	Wire-to-Board
Header Type	Partially Shrouded
Sealable	No

Connector & Contact Terminates To	Printed Circuit Board
PCB Connector Assembly Type	PCB Mount Header
Configuration Features	
Number of Positions	5
Number of Rows	1
PCB Mount Orientation	Vertical
Electrical Characteristics	
Operating Voltage	125 VAC
Body Features	
Primary Product Color	Natural
Contact Features	
Contact Layout	Inline
Contact Mating Area Length	4.2 mm[.165 in]
PCB Contact Termination Area Plating Material Thickness	.2 μm[7.874 μin]
Mating Pin Diameter	.6 mm[.024 in]

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PCB Mount Header, Vertical, Wire-to-Board, 5 Position, .079 in [2 mm] Centerline, Partially Shrouded, Gold, Through Hole - Solder, AMP CT



Round Termination Post & Tail Diameter     .6 mm[.024 in]       Termination Post & Tail Length     .3 mm[.024 in]       Termination Method to Printed Circuit Board     Through Hole - Solder       Methanical Attachment		
PCB Contact Termination Area Plating MaterialGoidContact Base MaterialGoidContact Base MaterialGoidContact Mating Area Plating MaterialGoidContact Current Rating (Max)ATermination Fost Current Rating (Max)á mm(024 in)Round Termination Post & Tail Diameterá mm(024 in)Termination Post & Tail Diameterforming Hole - SolderMather Method to Printed Creati BoardMinog Hole - SolderMating Alignment TypeKinked LegsMating Alignment TypePolarizationMating Alignment TypeBoard MountPCB Mount Alignment TypeBoard MountMating AlignmentWithoutPCB Mount AlignmentMinoutPCB Mount Alignme	Contact Mating Area Plating Material Thickness	.2 μm[7.87 μin]
Contact Base MaterialBraseContact Maing Area Plating MaterialGoldContact UyePinContact Current Rating (Max)4 AContact Current Rating (Max)4 ATermination Post & Tail Length3 2 mm1/26 in[Termination Post & Tail Length3 2 mm1/26 in[Termination Post & Tail Length7 mough Hole - SorderWethanical AttachmentVithoutPCB Mount Alignment TypeKinked LegsMating Alignment TypeVithoutPCB Mount Retention TypeNained LegsMating Ratention TypePolarizationMating AlignmentWithoutPCB Mount Retention TypePolarizationMating AlignmentWithoutPCB Mount Retention TypePolarizationMating AlignmentWithoutPCB Mount Retention TypePolarizationPCB Mount Retention TypePolarizationPCB Mount Retention TypeWithoutPCB Mount RetentionWithoutPCB Mount RetentionYithoutPCB Mount RetentionMating AlignmentPCB Mount RetentionMating AlignmentPC Anotact LengthA sym1/20 in[Connector LengthSem1/20 in[Conne	Contact Shape & Form	Round, Rounded
Contact Mating Area Plating MaterialGoldContact TypePinContact Current Rating (Max)4 AContact Current Rating Current Statil Diameter4 Mm(D24 in]Termination Post & Tail Length3 2 mm(126 in]Termination Method to Printed Circuit BoardThrough Hole - SolderMating Alignment TypeKinked LegsMating Alignment TypePolarizationMating Ratention TypePolarizationConnector Mounting TypeNinked LegsConnector Mounting TypeBoard MountPCB Mount Ratention TypeWithoutPCB Mount RatentionWithoutPCB Mount RatentionWithoutPCB Mount RatentionMing AlignmentPCB Mount RatentionMing AlignmentConnector Ming MaterialA NyIonConnector LangthS	PCB Contact Termination Area Plating Material	Gold
Contact TypePinContact Current Rating (Max)4AContact Current Rating (Max)4ATermination Post & Tail Diameter4 mm (024 in)Termination Post & Tail Length32 mm (126 in)Termination Method to Printed Circuit BoardThrough Hole SolderMating Alignment TypeKinked LegsMating Alignment TypePolarizationMating RetentionWithoutPCB Mount Alignment TypeKinked LegsMating Retention TypeKinked LegsMating Retention TypePolarizationPCB Mount Alignment TypeBoard MountConnector Mounting TypeBoard MountPCB Mount AlignmentWithoutPCB Mount AlignmentWithoutPCB Mount AlignmentWithoutPCB Mount AlignmentWithoutPCB Mount AlignmentWithoutPCB Mount AlignmentWithoutPCB Mount RetentionWithoutPCB Mount RetentionWithoutPCB Mount RetentionMithoutPCB Mount RetentionMithoutPCB Mount RetentionMithoutPCB Mount RetentionMithoutConnector Length64 NylonConnector Length1.18 mm [465 in]Connector LengthSa mm [261 in]Connector WidthSa mm [261 in]PCB Hickness (Recommended)Am [210]PCB Hickness (Recommended)Am [20]PCB Hickness (Recommended)40 – 21 °C[40 – 105 °F]	Contact Base Material	Brass
Contact Current Rating (Max)     4 A       Contact Current Rating (Max)     4 mm[.024 in]       Termination Post & Tail Light     3.2 mm[.126 in]       Termination Mothod to Printed Circuit Board     Through Hole: Solder       Mating Alignment Type     Kinked Legs       Mating Alignment Type     Vilhout       PCB Mount Alignment Type     Kinked Legs       Mating Retention     Without       PCB Mount Retention Type     Kinked Legs       Mating Retention Type     Board Mount       PCB Mount Retention Type     Board Mount       PCB Mount Retention Type     Board Mount       PCB Mount Retention Type     Without       PCB Mount Retention Type     Board Mount       PCB Mount Retention Type     Board Mount       PCB Mount Retention     With       PCB Mount Retention     Without       PCB Mount Retention     Without       PCB Mount Retention     Mating Alignment       PCB Mount Retention     Yithout       PCB Mount Retention     Mithout       PCB Mount Retention     Mating Alignment       Connector Length     66 Nylon       Co	Contact Mating Area Plating Material	Gold
Termination Pest & Tail Diameter   6 mm(024 in)     Reund Termination Post & Tail Length   3.2 mm(126 in)     Termination Method to Phinted Circuit Board   Through Hole - Solder     Methodical Attachment   Kinked Legs     PCB Mount Alignment Type   Polarization     Mating Alignment Type   Polarization     Mating Retention   Without     PCB Mount Retention Type   Rinked Legs     Mating Retention Type   Polarization     Connector Mounting Type   Board Mount     PCB Mount Alignment   Without     PCB Mount Retention Type   Board Mount     Connector Mounting Type   Board Mount     PCB Mount Retention   Without     PCB Mount Retention   Seminogram     PCB Mount Retention   Seminogram     PCB Mount Retention   Seminogram     PCB Mount Retention   Seminogram     Contextories (Patch)   Seminogram     Connector	Contact Type	Pin
Round Termination Post & Tail Diameter     .6 mm[.024 in]       Termination Post & Tail Length     .3 mm[.024 in]       Termination Method to Printed Circuit Board     Through Hole - Solder       Methanical Attachment	Contact Current Rating (Max)	4 A
Termination Post & Tail Length   3.2 mml.126 inj     Termination Method to Printed Circuit Board   Through Hole-Solder     Auting Attachment   FCB Mount Alignment Type   Sinked Legs     Mating Alignment Type   Polarization   Mithout     PCB Mount Retention   Without   Sinked Legs     PCB Mount Retention Type   Minked Legs   Sinked Legs     Mating Retention Type   Polarized Lock   Sinked Legs     Connector Mounting Type   Board Mount   Sinked Legs     Mating Alignment   Without   Sinked Legs     PCB Mount Alignment   Without   Sinked Legs     Mating Alignment   Without   Sinked Legs     Mating Alignment   Without   Sinked Legs     PCB Mount Alignment   Without   Sinked Legs     PCB Mount Retention   Without   Sinked Legs     PCB Mount Retention   Without   Sinked Legs     Return Retention   Sinked Legs   Sinked Legs     PCB Mount Retention   Sinked Legs   Sinked Legs     Connector Length   Sinked Legs   Sinked Legs     Connector Length   Sinkern[205 in]   Sinked Legs	Termination Features	
Termination Method to Printed Circuit Board   Through Hole - Solder     Mathonical Attachment     PCB Mount Alignment Type   Kinked Legs     Mating Alignment Type   Polarization     Mating Retention   Without     PCB Mount Retention Type   Polarized Lock     Mating Retention Type   Polarized Lock     Connector Mounting Type   Board Mount     PCB Mount Alignment   With     PCB Mount Alignment   Without     PCB Mount Retention   Without     PCB Mount Retention   Without     PCB Mount Retention   & mm[.org Pia]     Connector Length   & mm[.org Pia] <tr< td=""><td>Round Termination Post &amp; Tail Diameter</td><td>.6 mm[.024 in]</td></tr<>	Round Termination Post & Tail Diameter	.6 mm[.024 in]
Additional Alignment Type     Kinked Legs       Mating Alignment Type     Polarization       Mating Retention     Without       PCB Mount Retention Type     Vithout       PCB Mount Retention Type     Polarization       Mating Retention Type     Polarized Look       Mating Retention Type     Board Mount       Connector Mounting Type     Board Mount       Connector Mounting Type     Board Mount       PCB Mount Alignment     With       PCB Mount Alignment     Without       PCB Mount Alignment     Without       PCB Mount Alignment     Without       PCB Mount Retention     Without       PCB Mount Retention     Without       PCB Mount Retention     Without       PCB Mount Retention     Minout       PCB Mount Retention     Semijore Semi	Termination Post & Tail Length	3.2 mm[.126 in]
PCB Mount Alignment Type     Kinked Legs       Mating Alignment Type     Polarization       Mating Retention     Without       PCB Mount Retention Type     Kinked Legs       Mating Retention Type     Polarized Lock       Connector Mounting Type     Board Mount       PCB Mount Alignment     Without       PCB Mount Retention     Mang Alignment       PCB Mount Retention     2 mm[.079 in]       PCB Mount Retention     2 mm[.079 in]       PCB Mount Retention     1.8 mm[.465 in]       PCD metor Length     6.8 mm[.228 in]       Connector Height     6.8 mm[.228 in]       PCD Thickness (Recommended)     8 mm[.216 - 0.63 mi]       PCD Thickneres (Recommended)     40 - 221 °C[.40 -	Termination Method to Printed Circuit Board	Through Hole - Solder
Mating Alignment TypePolarizationMating RetentionWithoutPCB Mount Retention TypeKinked LegsMating Retention TypePolarized LockConnector Mounting TypeBoard MountConnector Mounting TypeBoard MountMating AlignmentWithoutPCB Mount AlignmentWithoutPCB Mount AlignmentWithoutPCB Mount RetentionWithoutPCB Mount Retention66 NylonConnector Length66 NylonConnector Length1.8 mm[.465 in]Connector WidthS.8 mm[.228 in]PCB Thickness (Recommended)S.8 mm[.228 in]PCB Thickness (Recommended)Amm[.228 in]Coperating Temperature Range40-221°C 40-105°F]	Mechanical Attachment	
Nation Sector ArMating RetentionWithoutPCB Mount Retention TypeKinked LegsMating Retention TypePolarized LockConnector Mounting TypeBoard MountMating AlignmentWithPCB Mount AlignmentWithoutPCB Mount RetentionWithoutPCB Mount RetentionWithoutPCB Mount RetentionWithoutPCB Mount RetentionWithoutPCB Mount RetentionMingPCB Mount Retention66 NylonConnector Length66 NylonConnector Length11.8 mm[.465 in]Connector Width5.8 mm[.228 in]PCB Thickness (Recommended).8 mm[.031 – .063 in]Usage Conditions-00 – 21 °C[-40 – 105 °F]	PCB Mount Alignment Type	Kinked Legs
PCB Mount Retention TypeKinked LegsMating Retention TypePolarized LockConnector Mounting TypeBoard MountMating AlignmentWithPCB Mount AlignmentWithoutPCB Mount RetentionWithoutPCB Mount RetentionMithoutPCB Mount RetentionMithout	Mating Alignment Type	Polarization
Mating Retention TypePolarized LockConnector Mounting TypeBoard MountMating AlignmentWithPCB Mount AlignmentWithoutPCB Mount RetentionWithoutHousing FeaturesSome Connector MediaHousing Material66 NylonCenterline (Pitch)2 mm[.079 in]DimensionsSimm[.262 in]Connector Length1.8 mm[.465 in]Connector HeightSamm[.228 in]PCB Thickness (Recommended)Simm[.228 in]Operating Temperature Range40 – 221 °C[.400 InS °F]	Mating Retention	Without
Connector Mounting Type   Board Mount     Mating Alignment   With     PCB Mount Alignment   Without     PCB Mount Retention   Without     PCB Mount Retention   Without     Housing Features   66 Nylon     Centerline (Pitch)   2 mm[.079 in]     Dimensions   11.8 mm[.465 in]     Connector Height   6.8 mm[.267 in]     Connector Width   5.8 mm[.201063 in]     PCB Thickness (Recommended)   8 mm[.031063 in]     Operating Temperature Range   -40-221 °C[-40-105 °F]	PCB Mount Retention Type	Kinked Legs
Mating AlignmentWithPCB Mount AlignmentWithoutPCB Mount RetentionWithoutPCB Mount RetentionWithHousing Features66 NylonCenterline (Pitch)2 mm[.079 in]Dimensions2Connector Length11.8 mm[.465 in]Connector Length6.8 mm[.267 in]Connector Width5.8 mm[.281 in]PCB Thickness (Recommended)8.8 mm[.031 – .063 in]Usage Conditions-40 – 221 °C[-40 – 105 °F]	Mating Retention Type	Polarized Lock
PCB Mount AlignmentWithoutPCB Mount RetentionWithoutPCB Mount RetentionWithoutHousing Features66 NylonI housing Material66 NylonCenterline (Pitch)2 mm[.079 in]Dimensions11.8 mm[.465 in]Connector Length6.8 mm[.267 in]Connector Width5.8 mm[.228 in]PCB Thickness (Recommended)8.1 mm[.031 – .063 in]Usage Conditions	Connector Mounting Type	Board Mount
PCB Mount RetentionWithHousing Features66 NylonHousing Material66 NylonCenterline (Pitch)2 mm[.079 in]Dimensions11.8 mm[.465 in]Connector Length11.8 mm[.465 in]Connector Height6.8 mm[.267 in]Connector Width5.8 mm[.228 in]PCB Thickness (Recommended).8 mm[.031 – .063 in]Usage Conditions-40 – 221 °C[-40 – 105 °F]	Mating Alignment	With
Housing Features     Housing Material   66 Nylon     Centerline (Pitch)   2 mm[.079 in]     Dimensions   11.8 mm[.465 in]     Connector Length   6.8 mm[.267 in]     Connector Width   5.8 mm[.228 in]     PCB Thickness (Recommended)   8 mm[.031 – .063 in]     Vage Conditions   -40 – 221 °C[-40 – 105 °F]	PCB Mount Alignment	Without
Housing Material66 NylonCenterline (Pitch)2 mm[.079 in]Dimensions11.8 mm[.465 in]Connector Length11.8 mm[.465 in]Connector Height6.8 mm[.267 in]Connector Width5.8 mm[.228 in]PCB Thickness (Recommended).8 mm[.031 – .063 in]Usage ConditionsOperating Temperature Range-40 – 221 °C[-40 – 105 °F]	PCB Mount Retention	With
Centerline (Pitch)   2 mm[.079 in]     Dimensions   11.8 mm[.465 in]     Connector Length   6.8 mm[.267 in]     Connector Width   5.8 mm[.228 in]     PCB Thickness (Recommended)   .8 mm[.031 – .063 in]     Usage Conditions   -40 – 221 °C[-40 – 105 °F]	Housing Features	
Dimensions     Connector Length   11.8 mm[.465 in]     Connector Height   6.8 mm[.267 in]     Connector Width   5.8 mm[.228 in]     PCB Thickness (Recommended)   .8 mm[.031 – .063 in]     Usage Conditions     Operating Temperature Range   -40 – 221 °C[-40 – 105 °F]	Housing Material	66 Nylon
Connector Length11.8 mm[.465 in]Connector Height6.8 mm[.267 in]Connector Width5.8 mm[.228 in]PCB Thickness (Recommended).8 mm[.031 – .063 in]Usage ConditionsOperating Temperature Range-40 – 221 °C[-40 – 105 °F]	Centerline (Pitch)	2 mm[.079 in]
Connector Height6.8 mm[.267 in]Connector Width5.8 mm[.228 in]PCB Thickness (Recommended).8 mm[.031 – .063 in]Usage ConditionsOperating Temperature Range-40 – 221 °C[-40 – 105 °F]	Dimensions	
Connector Width5.8 mm[.228 in]PCB Thickness (Recommended).8 mm[.031 – .063 in]Usage Conditions-40 – 221 °C[-40 – 105 °F]	Connector Length	11.8 mm[.465 in]
PCB Thickness (Recommended)   .8 mm[.031 – .063 in]     Usage Conditions   -40 – 221 °C[-40 – 105 °F]	Connector Height	6.8 mm[.267 in]
Usage Conditions Operating Temperature Range -40 – 221 °C[-40 – 105 °F]	Connector Width	5.8 mm[.228 in]
Operating Temperature Range -40 – 221 °C[-40 – 105 °F]	PCB Thickness (Recommended)	.8 mm[.031 – .063 in]
	Usage Conditions	
Operation/Application	Operating Temperature Range	-40 - 221 °C[-40 - 105 °F]
	Operation/Application	

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PCB Mount Header, Vertical, Wire-to-Board, 5 Position, .079 in [2 mm] Centerline, Partially Shrouded, Gold, Through Hole - Solder, AMP CT



Assembly Process Feature	Pick and Place Cover
Circuit Application	Power & Signal
ndustry Standards	
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	1000
Packaging Type	Bag, Box
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	No Restricted Materials Above ThresholdCurrent ECHA Candidate List: JUNE 2022 (224)Candidate List Declared Against: JAN 202 (211)SVHC > Threshold: Not Yet Reviewed

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 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**

PCB Mount Header, Vertical, Wire-to-Board, 5 Position, .079 in [2 mm] Centerline, Partially Shrouded, Gold, Through Hole - Solder, AMP CT

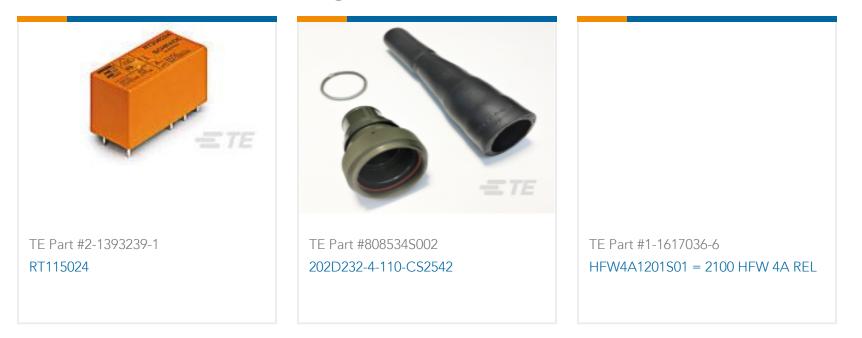




# Also in the Series AMP CT



# Customers Also Bought



### Documents

Product Drawings CT BOX HDR ASSY V 5P AU W/KINK

English

**CAD** Files

3D PDF

English

Customer View Model

ENG\_CVM\_292134-5\_O.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_292134-5\_O.3d\_stp.zip

English

**Customer View Model** 

ENG\_CVM\_292134-5\_O.2d\_dxf.zip

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PCB Mount Header, Vertical, Wire-to-Board, 5 Position, .079 in [2 mm] Centerline, Partially Shrouded, Gold, Through Hole - Solder, AMP CT



English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages 2.0MM\_AMP\_CT\_CONNECTOR\_SERIES\_QUICK\_REF\_GUIDE

English

**Product Specifications** 

**Product Specification** 

English

### AMP COMMON TERMINATION (CT), CONNECTOR, 2mm PITCH, M/T TYPE, LEAD FREE VERSION

Japanese

**Product Specification** 

Japanese