

1-292253-2 ✓ ACTIVE



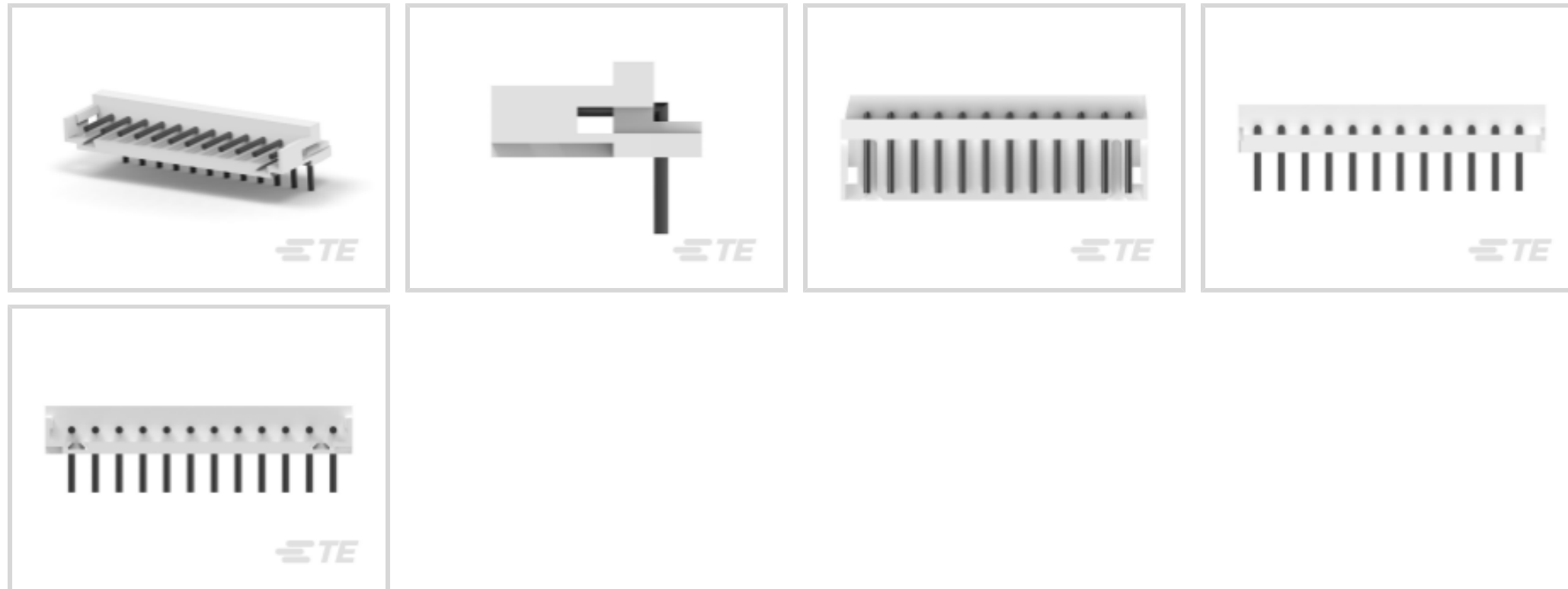
## AMP CT

TE Internal #: 1-292253-2

PCB Mount Header, Right Angle, Wire-to-Board, 12 Position, 2 mm  
[.079 in] Centerline, Partially Shrouded, Tin (Sn), Through Hole -  
Solder, AMP CT

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles > CT 2mm Header Assembly: Right Angle



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **12**

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

[All CT 2mm Header Assembly: Right Angle \(170\)](#)

## Features

### Product Type Features

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

### Configuration Features

PCB Mount Orientation	Right Angle
Number of Positions	12
Number of Rows	1

### Electrical Characteristics

Operating Voltage	125 VDC
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### Body Features

Primary Product Color	Natural
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### Contact Features

Mating Pin Diameter	.6 mm[.024 in]
PCB Contact Termination Area Plating Material Thickness	1 µm[39.37 µin]
Contact Shape & Form	Round
Contact Layout	Inline
Contact Mating Area Length	4.5 mm[.177 in]
Contact Base Material	Brass
Contact Mating Area Plating Material	Tin (Sn)
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)	4 A
PCB Contact Termination Area Plating Material	Tin

### Termination Features

Termination Post & Tail Diameter	.6 mm[.024 in]
Termination Post & Tail Length	3.2 mm[.126 in]
Termination Method to PCB	Through Hole - Solder

### Mechanical Attachment

Mating Retention Type	Detent Window
Mating Alignment Type	Polarization
PCB Mount Retention Type	Kinked Legs
PCB Mount Alignment	Without
Mating Retention	Without
PCB Mount Retention	With
Connector Mounting Type	Board Mount
Mating Alignment	With

### Housing Features

Centerline (Pitch)	2 mm[.079 in]
Housing Material	Nylon 6/6

### Dimensions

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Connector Width	4 mm[.157 in]
PCB Thickness (Recommended)	.8 mm[.031 – .063 in]
Connector Height	8.8 mm[.346 in]
Connector Length	25.8 mm[1.016 in]

### Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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### Operation/Application

Assembly Process Feature	Pick and Place Cover
Circuit Application	Power & Signal

### Industry Standards

Compatible With Agency/Standards Products	CSA, UL
Compatible With Approved Standards Products	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0

### Packaging Features

Packaging Quantity	500
Packaging Method	Bag, 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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

#### Product Compliance Disclaimer

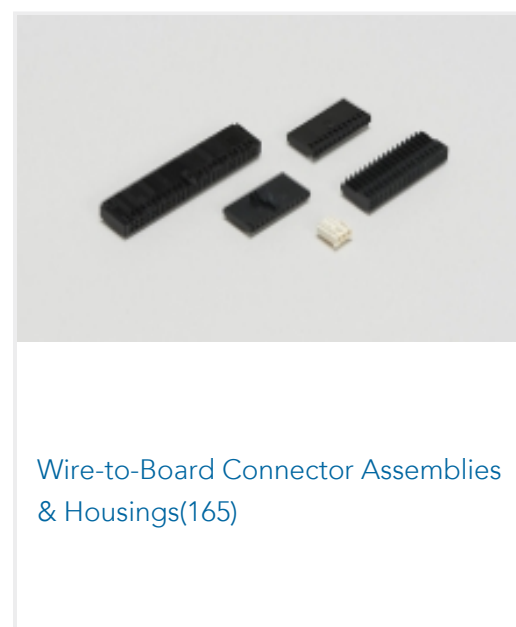
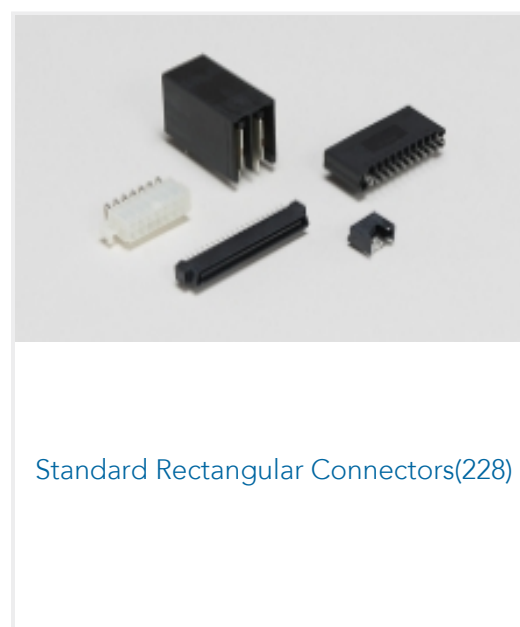
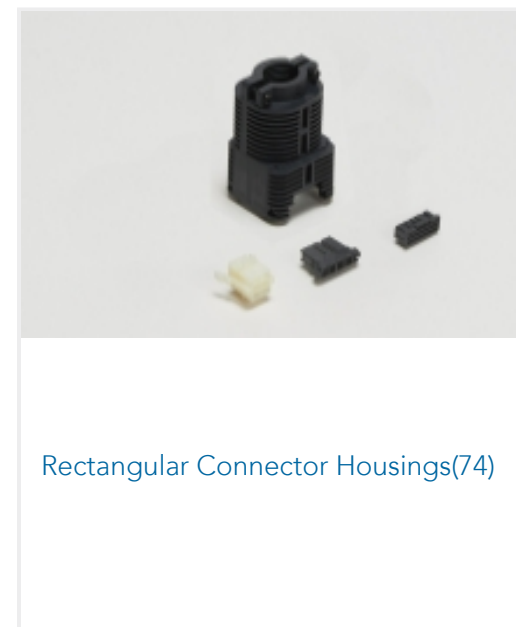
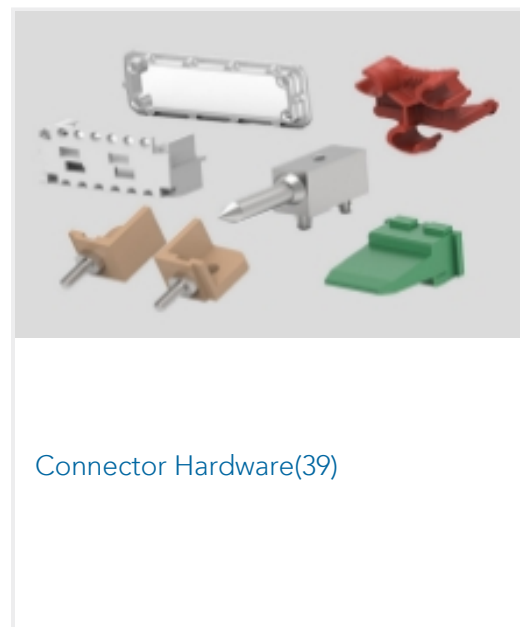
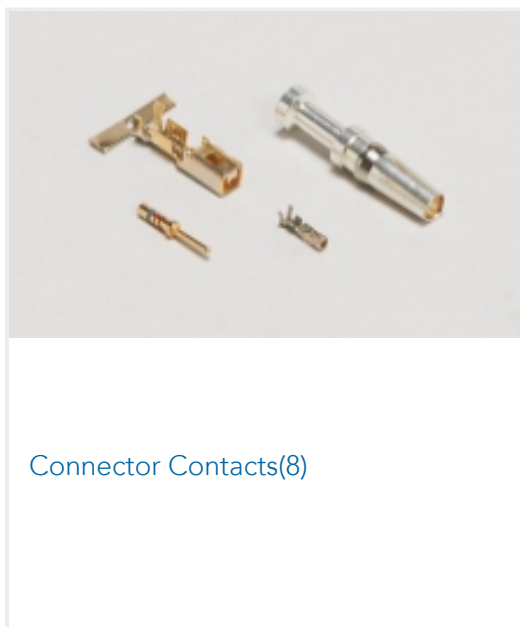
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

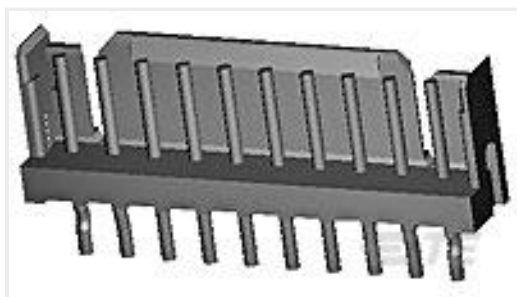
## Compatible Parts



## Also in the Series | AMP CT



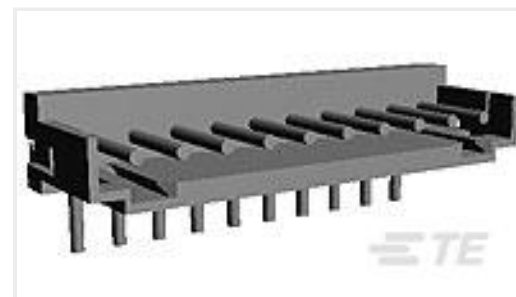
## Customers Also Bought



TE Part #292161-2  
CT P/HDR ASSY V 2P W/KINK NAT



TE Part #CAT-3980408-PHDWKV  
CT 2mm Post Header Assembly with  
Kink - Vertical



TE Part #292253-6  
CT CONN MT HDR ASSY H 6P NAT



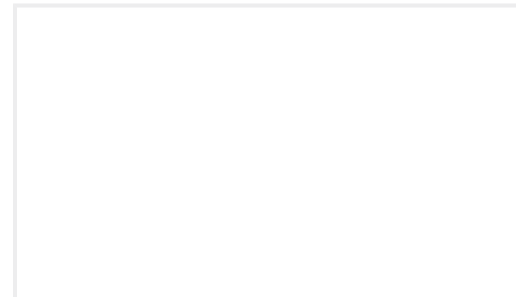
TE Part #1721538-7  
OJ-SS-124HM2,000



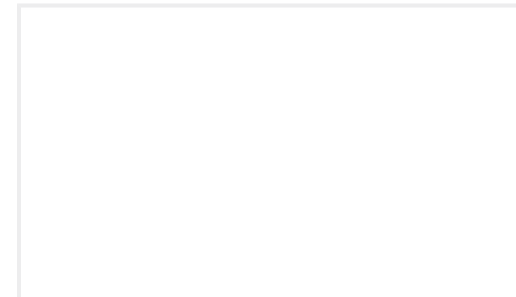
TE Part #1825027-5  
FSMRA2JH04=R/A, TACT PB SW, 160G



TE Part #1-1825027-1  
FSMRA4JH04=R/A, TACT PB SW, 160G



TE Part #1932164-2  
CONNECTOR ASSEMBLY, STRADDLE  
MOUNT POWER



TE Part #1932164-1  
CONNECTOR ASSEMBLY, STRADDLE  
MOUNT POWER

## Documents

### Product Drawings

[CT CONN MT HDR ASSY H 12P NAT](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-292253-2\\_B1.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-292253-2\\_B1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-292253-2\\_B1.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Product Specifications

[Workmanship Specification](#)

English

### Agency Approvals

[Agency Approval Document](#)

English