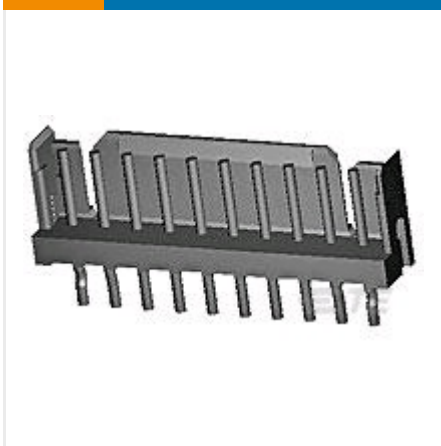




**CONNECTORS**

**HEADERS & RECEPTACLES**



✓ Active

TE CONNECTIVITY (TE)

## CT P/HDR ASSY V 9P W/KINK BLUE

AMP CT | AMP CT

2-292161-9

TE Internal Number: 2-292161-9

EU RoHS Compliant

EU ELV Compliant

**Connector System** Wire-to-Board

**Number of Positions** 9

**Centerline (Pitch) (mm)** 2

**PCB Mounting Orientation** Vertical

**PCB Mounting Style** Through Hole

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

### DOCUMENTATION

Product Drawings

#### **POST HEADER ASS'Y VERTICAL TYPE (AMP CT CONNECTOR 2mm PITCH)**

PDF

**English**

CAD Files

#### **Customer View Model**

2D\_DXF.ZIP

**English**

#### **3D PDF**

PDF

**3D**

## Customer View Model

3D\_IGS.ZIP

English

## Customer View Model

3D\_STP.ZIP

English

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Product Specifications

Product Specification

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

TIF

Japanese

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

PDF

Japanese

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

PDF

English

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## FEATURES



Please review product documents or [contact us](#) for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

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### Product Type Features

**Connector System** Wire-to-Board

**PCB Mounting Orientation** Vertical

**Header Type** Partially Shrouded

**Sealable** No

**Product Type** Connector

**Connector Type** Header

**Shape** Rectangular

**Connector Style** Header

**Strain Relief** Without

**Wire/Cable Type** Discrete Wire

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### Configuration Features

**Number of Positions** 9

**Number of Rows** 1

**Tail Orientation** Inline

**Backwall/Post Interruptions** Without

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### Electrical Characteristics

**Operating Voltage (VAC)** 125

**Operating Voltage (VDC)** 125

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### Contact Features

**Contact Shape** Round  
**Contact Mating Area Plating Material** Tin  
**Contact Mating Area Plating Thickness** 1 – 2  $\mu\text{m}$  [ 39.37 – 78.73  $\mu\text{in}$  ]  
**Contact Current Rating (Max) (A)** 4  
**Contact Style** Straight  
**Contact Base Material** Brass  
**Contact Layout** Inline  
**Contact Termination Area Plating Material** Tin  
**Contact Termination Area Plating Thickness** 1 – 2  $\mu\text{m}$  [ 39.37 – 78.73  $\mu\text{in}$  ]  
**Contact Transmits (Typical)** Signal (Data)  
**Contact Design** Round Post  
**Tail Plating Material** Tin  
**Contact Type** Pin

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#### Termination Features

**Termination Method to PC Board** Through Hole - Solder

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#### Mechanical Attachment

**Panel Mount Retention** With  
**Contact Retention Type** Locking Lance  
**PCB Mounting Style** Through Hole  
**PCB Mount Alignment** Without  
**Mating Retention** Without  
**PCB Mount Retention** With  
**PCB Mount Retention Type** Kinked Legs  
**Mating Alignment** Without  
**Contact Retention** With

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#### Housing Features

**Centerline (Pitch) (mm)** 2  
**Housing Material** Nylon 66  
**Housing Color** Blue

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#### Dimensions

**Height** 6.8 mm [ .267 in ]  
**Tail Length** 3.2 mm [ .126 in ]  
**Width** 3.6 mm [ .141 in ]  
**PCB Thickness (Recommended)** .8 mm [ .031 – .063 in ]  
**Length** 19.8 mm [ .7795 in ]  
**Wire/Cable Size (AWG)** 28 – 22  
**Mating Post Length** 4.5 mm [ .177 in ]

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#### Usage Conditions

**Operating Temperature Range** -40 – 221  $^{\circ}\text{C}$  [ -40 – 105  $^{\circ}\text{F}$  ]

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#### Operation/Application

**Pick and Place Cover** Internal

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#### Industry Standards

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

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#### Packaging Features

**Packaging Reel Diameter** 500  
**Packaging Method** Bag/Box  
**Packaging Quantity** 500

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## PRODUCT COMPLIANCE



Statement of Compliance

**Statement of Compliance**

PDF

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