



**CONNECTORS**

**HEADERS & RECEPTACLES**



✓ Active

TE CONNECTIVITY (TE)

## CT BOX HDR H SMT 8P O/TAPE NAT

AMP CT | AMP CT

1-292173-8

TE Internal Number: 1-292173-8

EU RoHS Compliant

EU ELV Compliant

Connector System Wire-to-Board

Number of Positions 8

Centerline (Pitch) (mm) 2

PCB Mounting Orientation Right Angle

PCB Mounting Style Surface Mount

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

### DOCUMENTATION

Product Drawings

**SMT TYPE POST HDR ASS'Y (H) WITH BOSS &TAIL TYPE (TE CT CONN. 2mm PITCH)**

PDF

English

CAD Files

**3D PDF**

PDF

3D

**Customer View Model**

2D\_DXF.ZIP

English

## 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 PITCH, M/T TYPE, LEAD FREE VERSION

PDF

English

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Product Environmental Compliance

TE Material Declaration

### MD\_1-292173-8\_01042014349\_dmtec

PDF

English

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Agency Approvals

CSA Certificate

### CT-AMP-In

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** Right Angle

**Header Type** 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** 8  
**Number of Rows** 1  
**Tail Orientation** Inline  
**Backwall/Post Interruptions** With

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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 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  
**Contact Type** Pin

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## Termination Features

**Termination Method to PC Board** Surface Mount

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## Mechanical Attachment

**Panel Mount Retention** With  
**Contact Retention Type** Locking Lance  
**PCB Mounting Style** Surface Mount  
**PCB Mount Alignment** With  
**Mating Retention** Without  
**PCB Mount Retention** With  
**PCB Mount Retention Type** Solder Peg  
**Mating Alignment** With  
**Mating Alignment Type** Polarization  
**Contact Retention** With

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## Housing Features

**Centerline (Pitch) (mm)** 2  
**Housing Material** 6T PA(GF)  
**Housing Color** Natural

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## Dimensions

**Height** 5.8 mm [ .228 in ]  
**Width** 9 mm [ .354 in ]  
**PCB Thickness (Recommended)** .8 mm [ .031 – .063 in ]  
**Length** 17.8 mm [ .7008 in ]  
**Wire/Cable Size (AWG)** 28 – 22  
**Mating Post Length** 4.2 mm [ .165 in ]

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## Usage Conditions

**Operating Temperature Range** -40 – 221 °C [ -40 – 105 °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** Tape, Box

**Packaging Quantity** 500

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## PRODUCT COMPLIANCE



Statement of Compliance

**Statement of Compliance**

PDF

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