



CONNECTORS

## HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

### CT CONN MT HDR ASSY H 10P NAT

AMP CT | AMP CT

1-292253-0

TE Internal Number: 1-292253-0

Always EU RoHS/ELV Compliant

Centerline **2 mm [ .079 in ]**

Number of Positions **10**

PCB Mounting Orientation **Right Angle**

PCB Mounting Style **Through Hole**

Number of Rows **1**



#### Product Drawings

[POST HEADER ASS'Y HORIZONTAL TYPE \(AMP CT CONNECTOR 2mm PITCH\)](#)

PDF  
English

#### CAD Files

[3D PDF](#)

PDF  
English

[Customer View Model](#)

2D\_DXF.ZIP  
English

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

#### Catalog Pages/Data Sheets

[2.0MM\\_AMP\\_CT\\_CONNECTOR\\_SERIES\\_QUICK\\_REF\\_GUIDE](#)

PDF  
English

#### Product Specifications

Product Specification

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

PDF  
**English**

**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**

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Product Environmental Compliance

TE Material Declaration

**MD\_1-292253-0\_06052014316\_dmtec**

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.

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Product Type Features

PCB Mounting Orientation	<b>Right Angle</b>
Product Type	<b>Connector</b>
Connector Type	<b>Header</b>
Shape	<b>Rectangular</b>
Connector System	<b>Wire-to-Board</b>
Wire/Cable Type	<b>Discrete Wire</b>
Sealed	<b>No</b>
Connector Style	<b>Header</b>
Applies To	<b>Printed Circuit Board</b>

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Configuration Features

Number of Positions	<b>10</b>
Number of Rows	<b>1</b>
Tail Orientation	<b>Inline</b>
Backwall/Post Interruptions	<b>Without</b>

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Electrical Characteristics

Operating Voltage	<b>125 VAC [ 125 VDC ]</b>
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Body Features

Header Type	<b>Partially Shrouded</b>
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Contact Features

Contact Mating Area Plating Material	<b>Tin</b>
Contact Mating Area Plating Thickness	<b>1 μm [ 39.37 μin ]</b>
Contact Termination Area Plating Thickness	<b>1 μm [ 39.37 μin ]</b>
Contact Shape	<b>Round</b>

	Tail Plating Material	<b>Tin</b>
	Contact Termination Area Plating Material	<b>Tin</b>
	Contact Type	<b>Pin</b>
	Contact Transmits (Typical)	<b>Signal (Data)</b>
	Contact Current Rating (A)	<b>4</b>
	Contact Design	<b>Round Post</b>
	Contact Base Material	<b>Brass</b>
Termination Features	Termination Method to PC Board	<b>Through Hole - Solder</b>
Mechanical Attachment	PCB Mounting Style	<b>Through Hole</b>
	PCB Mount Alignment	<b>Without</b>
	Mating Retention	<b>Without</b>
	PCB Mount Retention	<b>With</b>
	PCB Mount Retention Type	<b>Kinked Legs</b>
	Contact Retention	<b>Without</b>
	Mating Alignment Type	<b>Polarization</b>
	Mating Retention Type	<b>Detent Windows</b>
	Mating Alignment	<b>With</b>
Housing Features	Centerline	<b>2 mm [ .079 in ]</b>
	Housing Color	<b>Natural</b>
	Housing Material	<b>Nylon 6/6</b>
Dimensions	Tail Length	<b>3.2 mm [ .126 in ]</b>
	Mating Post Length	<b>4.5 mm [ .177 in ]</b>
	PCB Thickness (Recommended)	<b>.8 mm [ .031 – .063 in ]</b>
	Height	<b>8.8 mm [ .346 in ]</b>
	Wire/Cable Size (AWG)	<b>28 – 22</b>
	Width	<b>4 mm [ .157 in ]</b>
	Length	<b>21.8 mm [ .8583 in ]</b>
Usage Conditions	Operating Temperature Range	<b>-40 – 221 °C [ -40 – 105 °F ]</b>
Operation/Application	For Use With	<b>Receptacle Connector</b>
	Internal/External	<b>Internal</b>
	Pick and Place Cover	<b>Without</b>

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Industry Standards

UL Flammability Rating

**UL 94V-0**

UL File Number

**E28476**

Agency/Standard

**CSA, UL**

CSA File Number

**LR 7189**

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Packaging Features

Packaging Method

**Bag/Box**

Packaging Quantity

**500**

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Product Compliance

[Statement of Compliance](#)

PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

