



## HEADERS & RECEPTACLES



Active

PRODUCT DRAWING  
English

3D PDF

TE CONNECTIVITY (TE)

### CT CONN MT HDR ASSY H 2P NAT

AMP CT | AMP CT

292253-2

TE Internal Number: 292253-2

Always EU RoHS/ELV Compliant

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

Number of Positions **2**

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](#)

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

#### Product Environmental Compliance

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>2</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 <math>\mu\text{m}</math> [ 39.37 <math>\mu\text{in}</math> ]</b>
	Contact Termination Area Plating Thickness	<b>1 <math>\mu\text{m}</math> [ 39.37 <math>\mu\text{in}</math> ]</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>

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Termination Features	Termination Method to PC Board	Through Hole - Solder
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>5.8 mm [ .228 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>
Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
	UL File Number	<b>E28476</b>
	Agency/Standard	<b>CSA, UL</b>
	CSA File Number	<b>LR 7189</b>
Packaging Features	Packaging Method	<b>Bag/Box</b>
	Packaging Quantity	<b>500</b>

## CUSTOMERS ALSO BOUGHT

RECTANGULAR POWER CONNECTORS	STANDARD POWER RELAYS	WIRE-TO-BOARD HEADERS & RECEPTACLES	SLIDE SWITCHES
 <p><b>18P RCPT VAL-U-LOK V2</b> 1-794954-8</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	 <p><b>RTD34012</b> RTD34012</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	 <p><b>CT CONN MT HDR ASSY H 6P NAT</b> 292253-6</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	 <p><b>MMS22R=SW SLIDE 2 POLE 2 POS</b> MMS22R</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>

Products - 3 Results

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Relation Type ▼

RELATIONSHIP

### Mating Products

Used to identify Mating Parts

[See All Mating Products](#)


PRODUCT - MATING PRODUCTS		
	<p>Connectors - Wire-to-Board Connector Housings AMP CT   AMP CT</p> <p><b>2mm CT MT REC ASSY 2P GRAY - 2-179694-2</b> TE INTERNAL NUMBER: 2-179694-2</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Centerline <b>2 mm</b></p> <p>Number of Positions <b>2</b></p> <p>Number of Rows <b>1</b></p> <p>Mating Retention <b>Without</b></p>

RELATIONSHIP

### Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS		
	<p>Connectors - Wire-to-Board Connector Housings AMP CT   AMP CT</p> <p><b>CT CRIMP TYPE REC HSG - 179228-2</b></p>	<p>Always EU RoHS/ELV Compliant</p> <p>Centerline <b>2 mm</b></p> <p>Number of Positions <b>2</b></p>

TE INTERNAL NUMBER: 179228-2  
ALIAS ID: 0-0179228-2

✓ Active

Number of Rows **1**

Mating Retention **Without**

RELATIONSHIP

## Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Wire-to-Board Connector

Housings

AMP CT | AMP CT

### CT CONN MT REC ASSY

## 2P - 173977-2

TE INTERNAL NUMBER: 173977-2

ALIAS ID: 200058

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2 mm**

Number of Positions **2**

Number of Rows **1**

Mating Retention **Without**

