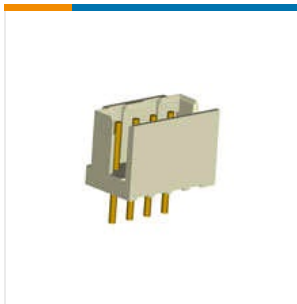




## HEADERS & RECEPTACLES



Active

PRODUCT DRAWING  
English

3D PDF

TE CONNECTIVITY (TE)

### CT P/HDR BOX V 2P POL NAT

AMP CT | AMP CT

292251-2

TE Internal Number: 292251-2

Always EU RoHS/ELV Compliant

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

Number of Positions **2**

PCB Mounting Orientation **Vertical**

Number of Rows **1**

Contact Mating Area Plating Material **Tin**

#### Product Drawings

[POST HEADER ASS'Y POLARIZE TYPE \(BOX-V TYPE\) \(AMP CT CONNECTOR 2mm PITCH\)](#)

PDF  
English

#### CAD Files

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

[Customer View Model](#)

2D\_DXF.ZIP  
English

[3D PDF](#)

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

#### Product Environmental Compliance

TE Material Declaration

[MD\\_292251-2\\_06052014349\\_dmtec](#)

PDF  
English

---

Product Type Features	PCB Mounting Orientation	<b>Vertical</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>Plug</b>
Applies To	<b>Printed Circuit Board</b>	

---

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>

---

Electrical Characteristics	Operating Voltage	<b>125 VAC [ 125 VDC ]</b>
----------------------------	-------------------	----------------------------

---

Body Features	Header Type	<b>Shrouded</b>
---------------	-------------	-----------------

---

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 Layout	<b>Inline</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 Mount Alignment	<b>With</b>
-----------------------	---------------------	-------------

PCB Mount Alignment Type	<b>Locating Posts</b>
Mating Retention	<b>Without</b>
PCB Mount Retention	<b>With</b>
PCB Mount Retention Type	<b>Boardlocks</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 66</b>

---

Dimensions	Tail Length	<b>3.2 mm [ .126 in ]</b>
	Mating Post Length	<b>4.2 mm [ .165 in ]</b>
	PCB Thickness (Recommended)	<b>.8 mm [ .031 – .063 in ]</b>
	Height	<b>6.8 mm [ .267 in ]</b>
	Wire/Cable Size (AWG)	<b>28 – 22</b>
	Width	<b>5.8 mm [ .228 in ]</b>
	Length	<b>5.8 mm [ .228 in ]</b>

---

Usage Conditions	Operating Temperature Range	<b>-40 – 105 °C [ -40 – 221 °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>
--------------------	------------------------	-----------------

---

Packaging Features	Packaging Method	<b>Bag/Box</b>
	Packaging Quantity	<b>500</b>

---

Product Compliance [Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)