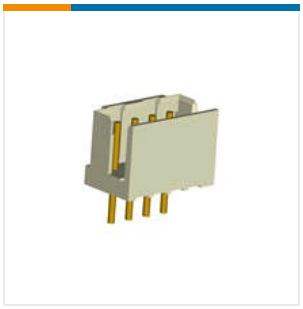
CONNECTORS

HEADERS & RECEPTACLES



✔ Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

CT P/HDR BOX V 13P POL NAT

AMP CT | AMP CT

1-292251-3
TE Internal Number: 1-292251-3

Always EU RoHS/ELV Compliant

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

Number of Positions **13**

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

3D PDF
PDF
English

Customer View Model
2D_DXF.ZIP
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

Please review product documents or contact us for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features		
	PCB Mounting Orientation	**Vertical**
	Product Type	**Connector**

	Product Type	**Connector**
	Connector Type	**Header**
	Shape	**Rectangular**
	Connector System	**Wire-to-Board**
	Wire/Cable Type	**Discrete Wire**
	Sealed	**No**
	Connector Style	**Plug**
	Applies To	**Printed Circuit Board**
Configuration Features	Number of Positions	**13**
	Number of Rows	**1**
	Tail Orientation	**Inline**
	Backwall/Post Interruptions	**Without**
Electrical Characteristics	Operating Voltage	**125 VAC [125 VDC]**
Body Features	Header Type	**Shrouded**
Contact Features	Contact Mating Area Plating Material	**Tin**
	Contact Mating Area Plating Thickness	**1 µm [39.37 µin]**
	Contact Termination Area Plating Thickness	**1 µm [39.37 µin]**
	Contact Shape	**Round**
	Tail Plating Material	**Tin**
	Contact Termination Area Plating Material	**Tin**
	Contact Type	**Pin**
	Contact Transmits (Typical)	**Signal (Data)**
	Contact Current Rating (A)	**4**
	Contact Layout	**Inline**
	Contact Design	**Round Post**
	Contact Base Material	**Brass**
Termination Features	Termination Method to PC Board	**Through Hole - Solder**
Mechanical Attachment	PCB Mount Alignment	**With**
	PCB Mount Alignment Type	**Locating Posts**
	Mating Retention	**Without**
	PCB Mount Retention	**With**

	PCB Mount Retention Type	**Boardlocks**
	Contact Retention	**Without**
	Mating Alignment Type	**Polarization**
	Mating Retention Type	**Detent Windows**
	Mating Alignment	**With**
Housing Features	Centerline	**2 mm [.079 in]**
	Housing Color	**Natural**
	Housing Material	**Nylon 66**
Dimensions	Tail Length	**3.2 mm [.126 in]**
	Mating Post Length	**4.2 mm [.165 in]**
	PCB Thickness (Recommended)	**.8 mm [.031 – .063 in]**
	Height	**6.8 mm [.267 in]**
	Wire/Cable Size (AWG)	**28 – 22**
	Width	**5.8 mm [.228 in]**
	Length	**27.8 mm [1.0945 in]**
Usage Conditions	Operating Temperature Range	**-40 – 105 °C [-40 – 221 °F]**
Operation/Application	For Use With	**Receptacle Connector**
	Internal/External	**Internal**
	Pick and Place Cover	**Without**
Industry Standards	UL Flammability Rating	**UL 94V-0**
Packaging Features	Packaging Method	**Bag/Box**
	Packaging Quantity	**500**
Product Compliance	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANCE	