



HEADERS & RECEPTACLES



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↓ **PRODUCT DRAWING**
English

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TE CONNECTIVITY (TE)

CT BOX HDR ASSY H 4P GOLD

AMP CT | AMP CT

176394-4

TE Internal Number: 176394-4

Always EU RoHS/ELV Compliant

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

Number of Positions **4**

PCB Mounting Orientation **Right Angle**

PCB Mounting Style **Through Hole**

Number of Rows **1**

Product Drawings

POST HEASER ASS'Y (BOX-H) GOLD PLT TYPE (AMP CT CONNECTOR 2mm PITCH)

PDF **(TIFF AVAILABLE)**
English

POST HEASER ASS'Y (BOX-H) GOLD PLT TYPE (AMP CT CONNECTOR 2mm PITCH)

PDF **(TIFF AVAILABLE)**
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

Catalog Pages/Data Sheets

2.0MM_AMP_CT_CONNECTOR_SERIES_QUICK_REF_GUIDE

PDF
English

Product Specifications

Product Specification

AMP Common Termination (CT), Conn, 2mm Pitch, M/T Type

PDF
English

Product Environmental Compliance

TE Material Declaration

MD_176394-4_07082015120_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.

Product Type Features	PCB Mounting Orientation	Right Angle
	Product Type	Connector
	Connector Type	Header
	Shape	Rectangular
	Connector System	Wire-to-Board
	Wire/Cable Type	Discrete Wire
	Strain Relief	Without
	Sealed	No
	Connector Style	Header
	Applies To	Printed Circuit Board
Configuration Features	Number of Positions	4
	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	Gold
	Contact Mating Area Plating Thickness	.2 µm [7.87 µin]
	Contact Termination Area Plating Thickness	.2 µm [7.874 µin]
	Contact Shape	Rounded
	Contact Termination Area Plating Material	Gold
	Contact Type	Pin
	Contact Transmits (Typical)	Signal (Data)
	Contact Current Rating (A)	4
	Contact Design	Round Post
	Contact Base Material	Brass
Termination Features	Termination Method to PC Board	Through Hole - Solder

Mechanical Attachment	PCB Mounting Style	Through Hole
	PCB Mount Alignment	Without
	Mating Retention	Without
	PCB Mount Retention	With
	PCB Mount Retention Type	Kinked Legs
	Contact Retention	With
	Mating Alignment Type	Polarization
	Mating Retention Type	Polarized Lock
	Mating Alignment	With
Housing Features	Centerline	2 mm [.079 in]
	Housing Color	Natural
	Housing Material	66 Nylon
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	8.8 mm [.346 in]
	Wire/Cable Size (AWG)	28 – 22
	Width	5.8 mm [.228 in]
	Length	9.8 mm [.386 in]
Usage Conditions	Operating Temperature Range	-22 – 221 °C [-30 – 105 °F]
Operation/Application	For Use With	Receptacle Assembly
	Internal/External	Internal
	Pick and Place Cover	Without
Industry Standards	UL Flammability Rating	UL 94V-0
Packaging Features	Packaging Method	Bag/Box
	Packaging Quantity	1000
Product Compliance	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANCE	

