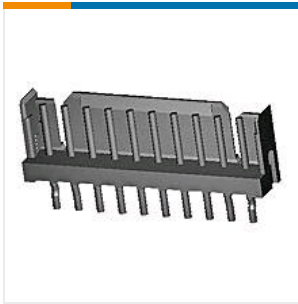




HEADERS & RECEPTACLES



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

CT P/HDR ASSY V 6P W/KINK NAT

AMP CT | AMP CT

292161-6

TE Internal Number: 292161-6

Always EU RoHS/ELV Compliant

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

Number of Positions **6**

PCB Mounting Orientation **Vertical**

PCB Mounting Style **Through Hole**

Number of Rows **1**

Product Drawings

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

PDF
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

PDF
3D

[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 PTICH, 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.

Product Type Features	PCB Mounting Orientation	Vertical
	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	6
	Number of Rows	1
	Tail Orientation	Inline
	Backwall/Post Interruptions	Without

Electrical Characteristics	Operating Voltage	125 VAC [125 VDC]
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Body Features	Header Type	Partially Shrouded
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Contact Features	Contact Mating Area Plating Material	Tin
	Contact Mating Area Plating Thickness	1 – 2 µm [39.37 – 78.73 µin]
	Contact Termination Area Plating Thickness	1 – 2 µm [39.37 – 78.73 µin]
	Contact Style	Straight
	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 Mounting Style	Through Hole
	PCB Mount Alignment	Without
	Mating Retention	Without
	PCB Mount Retention	With
	PCB Mount Retention Type	Kinked Legs
	Contact Retention	With
	Contact Retention Type	Locking Lance
	Panel Mount Retention	With
	Mating Alignment	Without
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	4.5 mm [.177 in]
	PCB Thickness (Recommended)	.8 mm [.031 – .063 in]
	Height	6.8 mm [.267 in]
	Wire/Cable Size (AWG)	28 – 22
	Width	3.6 mm [.141 in]
	Length	13.8 mm [.543 in]
Usage Conditions	Operating Temperature Range	-40 – 221 °C [-40 – 105 °F]
Operation/Application	For Use With	Printed Circuit Board
	Internal/External	Internal
	Pick and Place Cover	Without
Industry Standards	UL Flammability Rating	UL 94V-0
	UL File Number	E28476
	Agency/Standard	CSA, UL
	CSA File Number	LR 7189

Packaging Features

Packaging Method

Bag/Box

Packaging Quantity

500

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)