TE Connectivity: Every Connection Counts
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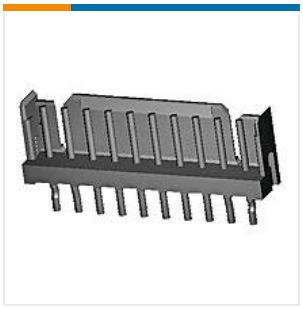
CONNECTORS

HEADERS & RECEPTACLES



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

CT P/HDR ASSY V 5P W/KINK NAT

AMP CT | AMP CT

292161-5
TE Internal Number: 292161-5

Always EU RoHS/ELV Compliant

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

Number of Positions **5**

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

TE Material Declaration	MD_292161-5_0211201682_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	**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	**5**
	Number of Rows	**1**
	Tail Orientation	**Inline**
	Backwall/Post Interruptions	**Without**
Electrical Characteristics	Operating Voltage	**125 VAC [125 VDC]**
Body Features	Header Type	**Partially Shrouded**
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	**11.8 mm [.4645 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	**1000**

Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT

WIRE-TO-BOARD HEADERS & RECEPTACLES

EIS POST ASSY V 3P GOLD NATU.
173081-3

Save to List
Find Similar Products

RP 1J 0.166W 45R3 0.1% 25PPM 1K RL
RP73PF1J45R3BTDF

Save to List
Find Similar Products

WIRE-TO-BOARD HEADERS & RECEPTACLES

CT CONN MT HDR ASSY H 10P NAT
1-292253-0

Save to List
Find Similar Products

RP 2A 0.25W 768R 0.1% 25PPM 1K RL
2176092-7

Save to List
Find Similar Products

Products - 3 Results

View All

Compare 0/10

Relation Type

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 5P - 173977-5
TE INTERNAL NUMBER: 173977-5
ALIAS ID: 0-0173977-5

✔ Active

Always EU RoHS/ELV Compliant

Centerline **2 mm**
Number of Positions **5**
Number of Rows **1**
Mating Retention **Without**

RELATIONSHIP
Mating Products
Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS

PRODUCT - MATING PRODUCTS

Connectors - Wire-to-Board Connector Housings

AMP CT | AMP CT

CT CRIMP TYPE REC HSG - 179228-5

TE INTERNAL NUMBER: 179228-5

✔ Active

Always EU RoHS/ELV Compliant

Centerline **2 mm**

Number of Positions **5**

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 MT REC ASSY 5P GRAY - 2-179694-5

TE INTERNAL NUMBER: 2-179694-5

✔ Active

Always EU RoHS/ELV Compliant

Centerline **2 mm**

Number of Positions **5**

Number of Rows **1**

Mating Retention **Without**