



HEADERS & RECEPTACLES



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

CT BOX HDR H SMT 8P O/TAPE BLA

AMP CT | AMP CT

292173-8

TE Internal Number: 292173-8

Always EU RoHS/ELV Compliant

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

Number of Positions **8**

PCB Mounting Orientation **Right Angle**

PCB Mounting Style **Surface Mount**

Number of Rows **1**

Product Drawings

SMT TYPE POST HDR ASS'Y (H) WITH BOSS & TAIL TYPE (TE CT CONN. 2mm PITCH)

PDF
English

CAD Files

3D PDF

PDF
3D

Customer View Model

2D_DXF.ZIP
English

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 PITCH, M/T TYPE, LEAD FREE VERSION

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	8
	Number of Rows	1
	Tail Orientation	Inline
	Backwall/Post Interruptions	With

Electrical Characteristics	Operating Voltage	125 VAC [125 VDC]
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Body Features	Header Type	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 Shape	Round
	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	Surface Mount
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Mechanical Attachment	PCB Mounting Style	Surface Mount
	PCB Mount Alignment	With
	Mating Retention	Without
	PCB Mount Retention	With
	PCB Mount Retention Type	Solder Pads
	Contact Retention	With
	Mating Alignment Type	Polarization
	Contact Retention Type	Locking Lance
	Panel Mount Retention	With
Mating Alignment	With	
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Housing Features	Centerline	2 mm [.079 in]
	Housing Color	Black
	Housing Material	6T PA(GF)
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Dimensions	Mating Post Length	4.2 mm [.165 in]
	PCB Thickness (Recommended)	.8 mm [.031 – .063 in]
	Height	5.8 mm [.228 in]
	Wire/Cable Size (AWG)	28 – 22
	Width	9 mm [.354 in]
	Length	17.8 mm [.7008 in]
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Usage Conditions	Operating Temperature Range	-40 – 221 °C [-40 – 105 °F]
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Operation/Application	For Use With	Printed Circuit Board
	Internal/External	Internal
	Pick and Place Cover	Without
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Industry Standards	UL Flammability Rating	UL 94V-0
	UL File Number	E28476
	Agency/Standard	CSA, UL
	CSA File Number	LR 7189
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Packaging Features	Packaging Method	Tape, Box
	Packaging Quantity	500
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Products - 3 Results

[View All](#)

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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
**2mm CT MT REC ASSY
8P GRAY - 2-179694-8**
TE INTERNAL NUMBER: 2-179694-8

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2 mm**

Number of Positions **8**

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 CRIMP TYPE REC HSG
- 179228-8**
TE INTERNAL NUMBER: 179228-8

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2 mm**

Number of Positions **8**

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 CONN MT REC ASSY
8P - 173977-8**
TE INTERNAL NUMBER: 173977-8

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2 mm**

Number of Positions **8**

Number of Rows **1**

Mating Retention **Without**

