



HEADERS & RECEPTACLES



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[↓](#) **PRODUCT DRAWING**
English

[↓](#) **3D PDF**

TE CONNECTIVITY (TE)

CT BOX HDR H SMT 5P O/TAPE BLA

[AMP CT](#) | [AMP CT](#)

292173-5

TE Internal Number: 292173-5

[Always EU RoHS/ELV Compliant](#)

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

Number of Positions **5**

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 PTICH, 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	5
	Number of Rows	1
	Tail Orientation	Inline
	Backwall/Post Interruptions	With
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 – 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

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
Housing Features	Centerline	2 mm [.079 in]
	Housing Color	Black
	Housing Material	6T PA(GF)
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	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	Tape, Box
	Packaging Quantity	500

CUSTOMERS ALSO BOUGHT

HEAT SHRINK TUBING

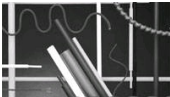


RNF-100-1/16-2-SP
RNF-100-1/16-2-SP

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HEAT SHRINK TUBING




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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

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


✓

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

- 179228-5

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 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**