



+ CONNECTORS

HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

CT DOUBLE ROW ASSY V 18P W/BOS

AMP CT | AMP CT

1-292141-8

TE Internal Number: 1-292141-8

Always EU RoHS/ELV Compliant

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

Number of Positions **18**

PCB Mounting Orientation **Vertical**

PCB Mounting Style **Through Hole**

Number of Rows **2**



Product Drawings

[POST HEADER \(VERTICAL\) WITH BOSS CT DOUBLE ROW CONN.](#)

PDF
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

CT DOUBLE ROW CONNECTOR LEAD FREE VERSION

PDF
English

CT DOUBLE ROW CONNECTOR, LEAD FREE VERSION

PDF
Japanese

CT DOUBLE ROW CONNECTOR, LEAD FREE VERSION

TIF
Japanese

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
	Row-to-Row Spacing	6.5 mm [.256 in]
	Connector Style	Header
Applies To	Printed Circuit Board	

Configuration Features	Number of Positions	18
	Number of Rows	2
	Tail Orientation	Inline
	Backwall/Post Interruptions	Without

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 μm [39.37 μm]
	Contact Termination Area Plating Thickness	1 μm [39.37 μm]
	Contact Shape	Rounded
	Tail Plating Material	Tin
	Contact Termination Area Plating Material	Tin
Contact Type	Pin	

Contact Type	RM
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
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Mechanical Attachment	PCB Mounting Style	Through Hole
	PCB Mount Alignment	With
	PCB Mount Alignment Type	Boss
	Mating Retention	Without
	PCB Mount Retention	With
	PCB Mount Retention Type	Boardlocks
	Contact Retention	Without
	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]
	Wire/Cable Size (CMA)	159.8 – 642.4
	Mating Post Length	4.7 mm [.185 in]
	PCB Thickness (Recommended)	1.6 mm [.063 in]
	Height	7.5 mm [.295 in]
	Wire/Cable Size (AWG)	28 – 22
	Width	10.7 mm [.421 in]
	Wire/Cable Size (mm ²)	.08 – .33
	Length	23.9 mm [.9409 in]

Usage Conditions	Operating Temperature Range	-22 – 221 °C [-30 – 105 °F]
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Operation/Application	For Use With	Receptacle Assembly
	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

Tray, Box

Packaging Quantity

180

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

