



CONNECTORS

## HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

### MINI CT SGL DIP V 15P NAT

AMP MINI-CT | AMP Mini CT

1-292207-5

TE Internal Number: 1-292207-5

Always EU RoHS/ELV Compliant

Centerline **1.5 mm [ .059 in ]**

Number of Positions **15**

PCB Mounting Orientation **Vertical**

Number of Rows **1**

Contact Mating Area Plating Material **Tin**



#### Product Drawings

[AMP Mini CT Connector 1.5mm 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

[6-1773454-5\\_AMP\\_Mini\\_CT\\_Connector\\_Series\\_QRG](#)

PDF  
English

#### Product Specifications

**AMP Mini CT Connector 1.5mm Pitch (Crimp Type), Lead Free Version**

PDF  
Japanese

**AMP Mini CT Connector 1.5mm Pitch (Crimp Type), Lead Free Version**

TIF  
Japanese

**AMP MINI CCOMMON TERMINATION (CT), CONNECTOR, 1.5mm PITCH, M/T TYPE, LEAD FREE VERSION**

PDF  
Japanese

**AMP MINI CCOMMON TERMINATION (CT), CONNECTOR, 1.5mm PITCH, M/T TYPE, LEAD FREE VERSION**

TIF  
Japanese

**Product Environmental Compliance**

TE Material Declaration

**MD\_1-292207-5\_02102016110\_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	<b>Vertical</b>
Product Type	<b>Connector</b>
Connector Type	<b>Header</b>
Shape	<b>Rectangular</b>
Connector System	<b>Wire-to-Board</b>
Strain Relief	<b>Without</b>
Sealed	<b>No</b>
Connector Style	<b>Header</b>
Applies To	<b>Printed Circuit Board</b>

**Configuration Features**

Number of Positions	<b>15</b>
Number of Rows	<b>1</b>
Tail Orientation	<b>Staggered</b>
Backwall/Post Interruptions	<b>Without</b>

**Electrical Characteristics**

Operating Voltage	<b>50 VAC [ 50 VDC ]</b>
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**Body Features**

Header Type	<b>Shrouded</b>
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**Contact Features**

Contact Mating Area Plating Material	<b>Tin</b>
Contact Mating Area Plating Thickness (µin)	<b>39.37</b>
Contact Termination Area Plating Thickness	<b>1 – 2 µm [ 39.37 – 78.73 µin ]</b>

Contact Shape	<b>Square</b>
Contact Termination Area Plating Material	<b>Tin</b>
Contact Type	<b>Pin</b>
Contact Transmits (Typical)	<b>Signal (Data)</b>
Contact Current Rating (A)	<b>2</b>
Contact Design	<b>Square Post</b>
Contact Base Material	<b>Brass</b>

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Termination Features	Termination Method to PC Board	<b>Through Hole - Solder</b>
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Mechanical Attachment	PCB Mount Alignment	<b>With</b>
	Mating Retention	<b>With</b>
	PCB Mount Retention	<b>With</b>
	PCB Mount Retention Type	<b>Kinked Legs</b>
	Contact Retention	<b>With</b>
	Mating Alignment Type	<b>Polarization</b>
	Contact Retention Type	<b>Locking Lance</b>
	Panel Mount Retention	<b>With</b>
Mating Alignment	<b>With</b>	

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Housing Features	Centerline	<b>1.5 mm [ .059 in ]</b>
	Housing Color	<b>Natural</b>
	Housing Material	<b>Nylon(G.F)</b>

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Dimensions	Tail Length	<b>3 mm [ .118 in ]</b>
	Mating Post Length	<b>2.4 mm [ .095 in ]</b>
	PCB Thickness (Recommended)	<b>1.6 mm [ .063 in ]</b>
	Height	<b>8.4 mm [ .33 in ]</b>
	Width	<b>4.7 mm [ .185 in ]</b>
	Length	<b>24.99 mm [ .983 in ]</b>

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Usage Conditions	Operating Temperature Range	<b>-22 – 221 °C [ -30 – 105 °F ]</b>
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Operation/Application	For Use With	<b>Receptacle Assembly</b>
	Internal/External	<b>Internal</b>
	Pick and Place Cover	<b>Without</b>

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Industry Standards

UL Flammability Rating

**UL 94V-0**

UL File Number

**E28476**

Agency/Standard

**CSA, UL**

CSA File Number

**LR 7189-133**

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Packaging Features

Packaging Method

**Tray, Box**

Packaging Quantity

**600**

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Product Compliance

[Statement of Compliance](#)

PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

