



CONNECTORS

HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)

1.5 MINI CT SGL H SMT W BOSS 1

AMP MINI-CT | AMP Mini CT

1-292227-5

TE Internal Number: 1-292227-5

Always EU RoHS/ELV Compliant

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

Number of Positions **15**

PCB Mounting Orientation **Right Angle**

PCB Mounting Style **Surface Mount**

Number of Rows **1**

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**



Product Drawings

[AMP Mini Common Terminated \(CT\) Connector 1.5mm PITCH SINGLE ROW POST HDR ASS'Y \(H\) SMT TYPE WITH BOSS ,EMBOSS TAPE PACKAGED](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
English

[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

Product Specification

[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

[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

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
	Sealed	No
	Connector Style	Header
	Applies To	Printed Circuit Board

Configuration Features	Number of Positions	15
	Number of Rows	1
	Tail Orientation	Inline
	Backwall/Post Interruptions	Without

Electrical Characteristics	Operating Voltage	50 VAC [50 VDC]
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Body Features	Header Type	Shrouded
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Contact Features	Contact Mating Area Plating Material	Pre-Tin
	Contact Mating Area Plating Thickness	1 μm [39.37 μin]
	Contact Termination Area Plating Thickness	1 μm [39.37 μin]
	Contact Shape	Square
	Tail Plating Material	Tin

Contact Termination Area Plating Material	Pre-11n
Contact Type	Pin
Contact Transmits (Typical)	Signal (Data)
Contact Current Rating (A)	2
Contact Design	Square 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
	PCB Mount Alignment Type	Locating Posts
	Mating Retention	With
	PCB Mount Retention	With
	PCB Mount Retention Type	Solder Pads
	Contact Retention	Without
	Mating Alignment Type	Polarization
	Mating Retention Type	Latch
Mating Alignment	With	

Housing Features	Centerline	1.5 mm [.059 in]
	Housing Color	Natural
	Housing Material	Nylon 6T

Dimensions	Mating Post Length	2.4 mm [.095 in]
	PCB Thickness (Recommended)	.8 mm [.031 in]
	Height	7.7 mm [.303 in]
	Wire/Cable Size (AWG)	28 – 24
	Width	4.9 mm [.192 in]
	Insulation Diameter	.85 mm [.0334 – .041 in]
	Length	27 mm [1.0629 in]

Usage Conditions	Operating Temperature Range	-22 – 221 °C [-30 – 105 °F]
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Operation/Application	For Use With	Receptacle Connector
	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 7189-133

Packaging Features

Packaging Method

Reel

Packaging Quantity

200

Product Compliance

[Statement of Compliance](#)

PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

