



CONNECTORS

HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

1.5 MINI CT SGL V SMT W/BOSS 1

AMP MINI-CT | AMP Mini CT

1-292230-0

TE Internal Number: 1-292230-0

Always EU RoHS/ELV Compliant

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

Number of Positions **10**

PCB Mounting Orientation **Vertical**

PCB Mounting Style **Surface Mount**

Number of Rows **1**



Product Drawings

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

PDF (**TIFF AVAILABLE**)
English

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

PDF (**TIFF AVAILABLE**)
English

CAD Files

[3D PDF](#)

PDF
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[Customer View Model](#)

2D_DXF.ZIP
English

Product Specifications

Product Specification

[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

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 |
| | Sealed | No |
| | Connector Style | Header |
| | Applies To | Printed Circuit Board |

| | | |
|------------------------|-----------------------------|------------------|
| Configuration Features | Number of Positions | 10 |
| | Number of Rows | 1 |
| | Tail Orientation | Staggered |
| | Backwall/Post Interruptions | Without |

| | | |
|----------------------------|-------------------|--------------------------|
| Electrical Characteristics | Operating Voltage | 50 VAC [50 VDC] |
|----------------------------|-------------------|--------------------------|

| | | |
|---------------|-------------|-----------------|
| Body Features | Header Type | Shrouded |
|---------------|-------------|-----------------|

| | | |
|------------------|--|---|
| Contact Features | Contact Mating Area Plating Material | 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 | 1in |
| 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 |
|----------------------|--------------------------------|----------------------|

| | | |
|-----------------------|--------------------------|-----------------------|
| 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 | Boardlocks |
| | Contact Retention | Without |
| | Mating Alignment Type | Polarization |
| | Mating Alignment | With |

| | | |
|------------------|------------------|---------------------------|
| Housing Features | Centerline | 1.5 mm [.059 in] |
| | Housing Color | Natural |
| | Housing Material | Nylon |

| | | |
|------------|-----------------------------|-----------------------------------|
| Dimensions | Mating Post Length | 2.4 mm [.095 in] |
| | PCB Thickness (Recommended) | .8 mm [.031 in] |
| | Height | 6.9 mm [.272 in] |
| | Wire/Cable Size (AWG) | 28 – 24 |
| | Width | 4.7 mm [.185 in] |
| | Insulation Diameter | .85 mm [.0334 – .041 in] |
| | Length | 17.5 mm [.6889 in] |

| | | |
|------------------|-----------------------------|--------------------------------------|
| Usage Conditions | Operating Temperature Range | -22 – 221 °C [-30 – 105 °F] |
|------------------|-----------------------------|--------------------------------------|

| | | |
|-----------------------|----------------------|-----------------------------|
| 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

Tape, Box

Packaging Quantity

500

Product Compliance

[Statement of Compliance](#)

PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

