



CONNECTORS

HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)

1.5 MINI CT SGL V SMT W/O BOSS

AMP MINI-CT | AMP Mini CT

292231-3

TE Internal Number: 292231-3

EU RoHS Compliant

EU ELV Compliant

Connector System Wire-to-Board

Number of Positions 3

Centerline (Pitch) (mm) 1.5

PCB Mounting Orientation Vertical

PCB Mounting Style Surface Mount

[↓ PRODUCT DRAWING](#)
English

[↓ 3D PDF](#)

DOCUMENTATION

Product Drawings

AMP MINI COMMON TERMINATED (CT) CONNECTOR 1.5 Mm PITCH SINGLE ROW POST HDR ASS'Y (V) SMT TYPE WITHOUT BOSS, EMBOSS TAPE PACKAGED

PDF

English

CAD Files

Customer View Model

2D_DXF.ZIP

English

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

3D PDF

PDF

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

Product Environmental Compliance

TE Material Declaration

MD_292231-3_012320171017_dmtec

PDF

English

Agency Approvals

UL

AMP Mini CT Connectors

PDF

English

FEATURES



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

Connector System Wire-to-Board
PCB Mounting Orientation Vertical
Header Type Shrouded
Sealable No
Product Type Connector
Connector Type Header
Shape Rectangular
Connector Style Header
Wire/Cable Type Discrete Wire

Configuration Features

Number of Positions 3
Number of Rows 1
Tail Orientation Staggered
Backwall/Post Interruptions Without

Electrical Characteristics

Operating Voltage (VAC) 50
Operating Voltage (VDC) 50

Contact Features

Contact Shape Square
Contact Mating Area Plating Material Tin
Contact Mating Area Plating Thickness 1 μm [39.37 μin]
Contact Current Rating (Max) (A) 2
Contact Base Material Brass
Contact Termination Area Plating Material Tin
Contact Termination Area Plating Thickness 1 μm [39.37 μin]
Contact Transmits (Typical) Signal (Data)
Contact Design Square Post
Tail Plating Material Tin
Contact Type Pin

Termination Features

Termination Method to PC Board Surface Mount

Mechanical Attachment

PCB Mounting Style Surface Mount
PCB Mount Alignment Without
Mating Retention With
PCB Mount Retention Without
Mating Alignment With
Mating Alignment Type Polarization
Contact Retention Without

Housing Features

Centerline (Pitch) (mm) 1.5
Housing Material Nylon
Housing Color Natural

Dimensions

Insulation Diameter .85 mm [.0334 – .041 in]
Height 6.9 mm [.272 in]
Width 4.7 mm [.185 in]
PCB Thickness (Recommended) .8 mm [.031 in]
Length 7 mm [.2756 in]
Wire/Cable Size (AWG) 28 – 24
Mating Post Length 2.4 mm [.095 in]

Usage Conditions

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

Operation/Application

Pick and Place Cover Internal

Industry Standards

Agency/Standard UL 94V-0, UL
CSA File Number LR 7189-133
UL Flammability Rating UL 94V-0
Agency/Standard Number CSA, UL
UL File Number E28476

Packaging Features

Packaging Reel Diameter 500
Packaging Method Tape, Box
Packaging Quantity 500

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
