



CONNECTORS

HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)

CT BOX HDR H SMT 8P O/TAPE NAT

AMP CT | AMP CT

1-292173-8

TE Internal Number: 1-292173-8

EU RoHS Compliant

EU ELV Compliant

Connector System Wire-to-Board

Number of Positions 8

Centerline (Pitch) (mm) 2

PCB Mounting Orientation Right Angle

PCB Mounting Style Surface Mount

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

DOCUMENTATION

Product Drawings

SMT TYPE POST HDR ASS'Y (H) WITH BOSS & TAIL TYPE (TE CT CONN. 2mm 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

Product Specifications

Product Specification

AMP COMMON TERMINATION (CT), CONNECTOR, 2mm PITCH, M/T TYPE, LEAD FREE VERSION

TIF

Japanese

AMP COMMON TERMINATION (CT), CONNECTOR, 2mm PITCH, M/T TYPE, LEAD FREE VERSION

PDF

Japanese

AMP COMMON TERMINATION (CT), CONNECTOR, 2mm PITCH, M/T TYPE, LEAD FREE VERSION

PDF

English

Product Environmental Compliance

TE Material Declaration

MD_1-292173-8_01042014349_dmtec

PDF

English

Agency Approvals

CSA Certificate

CT-AMP-In

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 Right Angle

Header Type Shrouded

Sealable No

Product Type Connector

Connector Type Header

Shape Rectangular

Connector Style Header

Strain Relief Without

Wire/Cable Type Discrete Wire

Configuration Features

Number of Positions 8
Number of Rows 1
Tail Orientation Inline
Backwall/Post Interruptions With

Electrical Characteristics

Operating Voltage (VAC) 125
Operating Voltage (VDC) 125

Contact Features

Contact Shape Round
Contact Mating Area Plating Material Tin
Contact Mating Area Plating Thickness 1 – 2 μm [39.37 – 78.73 μin]
Contact Current Rating (Max) (A) 4
Contact Base Material Brass
Contact Layout Inline
Contact Termination Area Plating Material Tin
Contact Termination Area Plating Thickness 1 – 2 μm [39.37 – 78.73 μin]
Contact Transmits (Typical) Signal (Data)
Contact Design Round Post
Contact Type Pin

Termination Features

Termination Method to PC Board Surface Mount

Mechanical Attachment

Panel Mount Retention With
Contact Retention Type Locking Lance
PCB Mounting Style Surface Mount
PCB Mount Alignment With
Mating Retention Without
PCB Mount Retention With
PCB Mount Retention Type Solder Peg
Mating Alignment With
Mating Alignment Type Polarization
Contact Retention With

Housing Features

Centerline (Pitch) (mm) 2
Housing Material 6T PA(GF)
Housing Color Natural

Dimensions

Height 5.8 mm [.228 in]
Width 9 mm [.354 in]
PCB Thickness (Recommended) .8 mm [.031 – .063 in]
Length 17.8 mm [.7008 in]
Wire/Cable Size (AWG) 28 – 22
Mating Post Length 4.2 mm [.165 in]

Usage Conditions

Operating Temperature Range -40 – 221 °C [-40 – 105 °F]

Operation/Application

Pick and Place Cover Internal

Industry Standards

Agency/Standard CSA, UL 94V-0

CSA File Number LR 7189

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
