



+ CONNECTORS

HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)

CT P/HDR BOX V 8P POL NAT

AMP CT | AMP CT

292251-8

TE Internal Number: 292251-8

EU RoHS Compliant

EU ELV Compliant

Connector System Wire-to-Board

Number of Positions 8

Centerline (Pitch) (mm) 2

PCB Mounting Orientation Vertical

Number of Rows 1

[↓](#) **PRODUCT DRAWING**
English

[↓](#) **3D PDF**

DOCUMENTATION

Product Drawings

POST HEADER ASS'Y POLARIZE TYPE (BOX-V TYPE) (AMP CT CONNECTOR 2mm PITCH)

PDF

English

CAD Files

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

3D PDF

PDF

English

Customer View Model

2D_DXF.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

Product Environmental Compliance

TE Material Declaration

MD_292251-8_0517201330_dmtec

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 Plug

Wire/Cable Type Discrete Wire

Configuration Features

Number of Positions 8

Number of Rows 1

Tail Orientation Inline

Backwall/Post Interruptions Without

Electrical Characteristics

Operating Voltage (VAC) 125

Operating Voltage (VDC) 125

Contact Features

Contact Mating Area Plating Material Tin
Contact Mating Area Plating Thickness 1 µm [39.37 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 µm [39.37 µin]
Contact Transmits (Typical) Signal (Data)
Contact Design Round Post
Tail Plating Material Tin
Contact Type Pin

Termination Features

Termination Method to PC Board Through Hole - Solder

Mechanical Attachment

PCB Mount Alignment With
PCB Mount Alignment Type Locating Posts
Mating Retention Without
PCB Mount Retention With
PCB Mount Retention Type Boardlocks
Mating Alignment With
Mating Retention Type Detent Windows
Mating Alignment Type Polarization
Contact Retention Without

Housing Features

Centerline (Pitch) (mm) 2
Housing Material Nylon 66
Housing Color Natural

Dimensions

Height 6.8 mm [.267 in]
Tail Length 3.2 mm [.126 in]
Width 5.8 mm [.228 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 – 105 °C [-40 – 105 °F]

Operation/Application

Pick and Place Cover Internal

Industry Standards

Agency/Standard UL 94V-0
UL Flammability Rating UL 94V-0

Packaging Features

Packaging Reel Diameter 500

Packaging Method Bag/Box

Packaging Quantity 500

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
