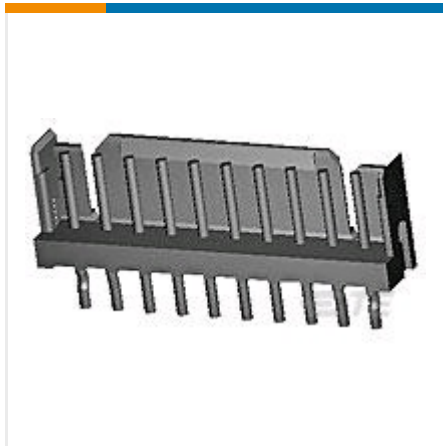




CONNECTORS

HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)

CT P/HDR ASSY V 8P W/KINK BLAC

AMP CT | AMP CT

6-292161-8

TE Internal Number: 6-292161-8

EU RoHS Compliant

EU ELV Compliant

Connector System Wire-to-Board

Number of Positions 8

Centerline (Pitch) (mm) 2

PCB Mounting Orientation Vertical

PCB Mounting Style Through Hole

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

DOCUMENTATION

Product Drawings

POST HEADER ASS'Y VERTICAL TYPE (AMP CT CONNECTOR 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 PTICH, M/T TYPE, LEAD FREE VERSION

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 Partially 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 Without

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 Style Straight
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
Tail Plating Material Tin
Contact Type Pin

Termination Features

Termination Method to PC Board Through Hole - Solder

Mechanical Attachment

Panel Mount Retention With
Contact Retention Type Locking Lance
PCB Mounting Style Through Hole
PCB Mount Alignment Without
Mating Retention Without
PCB Mount Retention With
PCB Mount Retention Type Kinked Legs
Mating Alignment Without
Contact Retention With

Housing Features

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

Dimensions

Height 6.8 mm [.267 in]
Tail Length 3.2 mm [.126 in]
Width 3.6 mm [.141 in]
PCB Thickness (Recommended) .8 mm [.031 – .063 in]
Length 17.8 mm [.7008 in]
Wire/Cable Size (AWG) 28 – 22
Mating Post Length 4.5 mm [.177 in]

Usage Conditions

Operating Temperature Range -40 – 221 $^{\circ}\text{C}$ [-40 – 105 $^{\circ}\text{F}$]

Operation/Application

Pick and Place Cover Internal

Industry Standards

Agency/Standard UL 94V-0, UL
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 Bag/Box
Packaging Quantity 500

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
