

HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)

CT P/HDR BOX V 7P POL NAT

AMP CT | AMP CT

292251-7

TE Internal Number: 292251-7

EU RoHS Compliant EU ELV Compliant

Connector System Wire-to-Board

Number of Positions 7

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

Customer View Model 2D_DXF.ZIP **English** 3D PDF **PDF 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_292251-7_040120111210 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 7 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 15.8 mm [.622 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