

HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)

HPI CONN., 2.0mm, V/T, SMT, 4P, 80u"

HPI | HPI

1775470-4

TE Internal Number: 1775470-4

EU RoHS Compliant

EU ELV Compliant

Connector System Wire-to-Board

Number of Positions 4

Centerline (Pitch) 2 mm [.079 in]

PCB Mounting Orientation Vertical

PCB Mounting Style Surface Mount

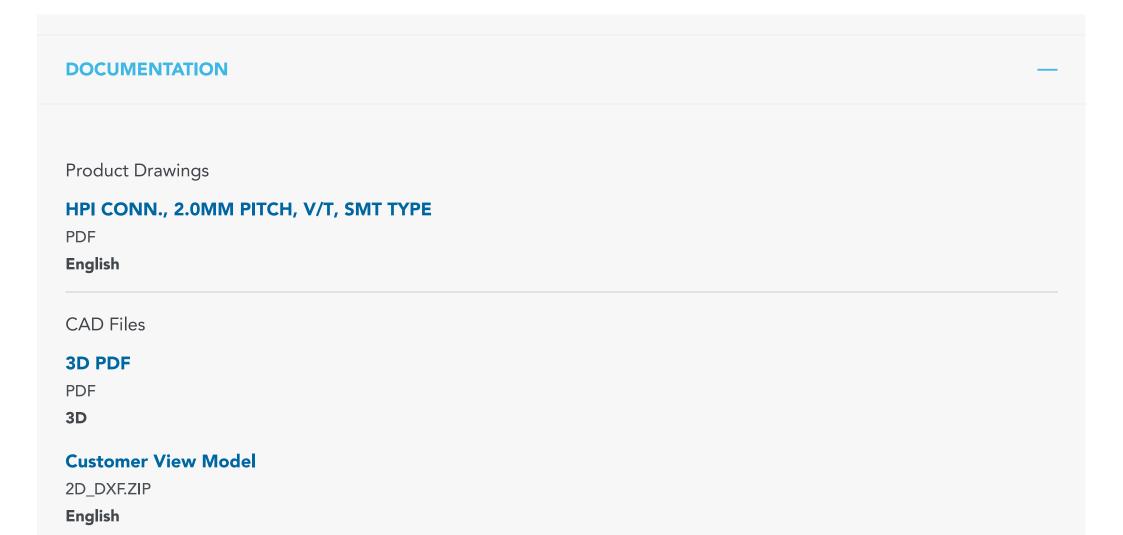


PRODUCT DRAWING

English



→ 3D PDF



3D_IGS.ZIP **English Customer View Model** 3D_STP.ZIP **English Product Specifications Product Specification** AMP 2.0MM PITCH HPI WIRE-TO-BOARD SYSTEM. **PDF English Qualification Test Report** AMP 2.0MM PITCH HPI WIRE-TO-BOARD SYSTEM. **PDF English** Product Environmental Compliance TE Material Declaration MD_1775470-4_050420142255_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 Partially Shrouded Sealable No Connector & Contact Terminates To Printed Circuit Board **Product Type** Connector **Connector Type** Header **Connector Style** Plug **Strain Relief** Without Wire/Cable Type Discrete Wire **Configuration Features Number of Positions 4** Number of Rows 1 Tail Orientation Straight Backwall/Post Interruptions Without **Electrical Characteristics**

Customer View Model

Operating Voltage (VAC) 250 Operating Voltage (VDC) 250

Body Features

Post Plating Material Nickel
Post Material Brass

Contact Features

Contact Shape Square

Contact Mating Area Plating Material Tin

Contact Mating Area Plating Material Finish Matte

Contact Mating Area Plating Thickness 2 µm [80 µin]

Contact Current Rating (Max) (A) 3

Contact Base Material Brass

Contact Plating Material Tin over Nickel

Contact Layout Inline

Contact Termination Area Plating Material Nickel

Contact Termination Area Plating Thickness 2 µm [80 µin]

Contact Termination Area Plating Material Finish Matte

Contact Type Pin

Termination Features

Termination Method to PC Board Surface Mount Contact Termination Type Surface Mount Termination Post Length .079 in, 2 mm

Mechanical Attachment

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

Housing Features

Centerline (Pitch) 2 mm [.079 in]
Housing Material PA 9T GF
Housing Color Natural

Contact Retention Without

Dimensions

Height 6.15 mm [.242 in]
Width 5.4 mm [.213 in]
Length 11.4 mm [.449 in]
Wire/Cable Size (AWG) 30
Wire/Cable Size (mm²) .05
Mating Post Length 3.5 mm [.138 in]

Usage Conditions

Operating Temperature Range -25 – 85 °C [-13 – 185 °F]

Operation/Application	
Pick and Place Cover Without For Use With 440129-x	
Industry Standards	
UL Flammability Rating UL 94V-0	
Packaging Features	
Packaging Method Reel Packaging Quantity 500	
PRODUCT COMPLIANCE	+
Statement of Compliance	
Statement of Compliance	
PDF	