



+ CONNECTORS

HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)  
2.5mm,HDR,8pos,R/A  
[HPI](#) | [HDR](#)

440053-8  
TE Internal Number: 440053-8

[EU RoHS Compliant](#)  
[EU ELV Compliant](#)

Connector System Wire-to-Board

Number of Positions 8

Centerline (Pitch) 2.5 mm [ .098 in ]

PCB Mounting Orientation Right Angle

Number of Rows 1

[↓](#) **PRODUCT DRAWING**  
English

[↓](#) **3D PDF**

DOCUMENTATION

Product Drawings

2.5MM PITCH HPI RIGHT-ANGLE POST HEADERS.

PDF [\(TIFF AVAILABLE\)](#)

English

CAD Files

Customer View Model

2D\_DXF.ZIP

English

3D PDF

PDF

3D

Customer View Model

3D\_IGS.ZIP

English

Customer View Model

3D\_STP.ZIP

English

Product Specifications

Product Specification

Metric Interconnect System (Restricted To Sony Corporation)

PDF

English

Agency Approvals

CSA Certificate

FEMALE, MALE, PLUG, RECEPTACLE CONNECTOR AND HEADER REPORT

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 Partially Shrouded
- Sealable No
- Connector & Contact Terminates To Printed Circuit Board
- Product Type Connector
- Connector Type Header
- Connector Style Plug
- Wire/Cable Type Discrete Wire

Configuration Features

- Number of Positions 8
- Number of Rows 1
- Tail Orientation Straight
- Backwall/Post Interruptions Without

Electrical Characteristics

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

Body Features

- Post Plating Material Tin
- Post Material Brass

Contact Features

- Contact Shape Square
- Contact Mating Area Plating Material Tin
- Contact Current Rating (Max) (A) 3
- Contact Style Right Angle
- Contact Base Material Brass
- Contact Plating Material Tin
- Contact Termination Area Plating Material Tin
- Contact Type Pin

Termination Features

- Termination Method to PC Board Through Hole
- Contact Termination Type Through Hole
- Termination Post Length .134 in, 3.4 mm

Mechanical Attachment

- Contact Retention Type Locking Lance
- PCB Mount Alignment Without
- Mating Retention Without
- PCB Mount Retention With
- PCB Mount Retention Type Kinked Tines
- Contact Retention With

Housing Features

- Centerline (Pitch) 2.5 mm [ .098 in ]
- Housing Material Nylon 66 GF
- Housing Color Natural

Dimensions

- Insulation Diameter 1 – 1.9 mm [ .039 – .075 in ]
- Height 4.2 mm [ .165 in ]
- Tail Length 3.4 mm [ .134 in ]
- Width 8.2 mm [ .323 in ]
- PCB Thickness (Recommended) 1 – 1.6 mm [ .039 – .063 in ]
- Length 22.5 mm [ .8858 in ]
- Wire/Cable Size (AWG) 28 – 22
- Mating Post Length 4 mm [ .158 in ]

Usage Conditions

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

Operation/Application

- Pick and Place Cover Without
- For Use With 440133-x

Industry Standards

- UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Bag  
Packaging Quantity 14000

PRODUCT COMPLIANCE

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Statement of Compliance

Statement of Compliance  
PDF