



+ CONNECTORS

HIGH SPEED CONNECTORS



✓ Active

TE CONNECTIVITY (TE)
Z-PACK HEADER ASSY 60P

Z-PACK | HS3

5120758-1
TE Internal Number: 5120758-1

EU RoHS Compliant
EU ELV Compliant

Connector System Board-to-Board
Number of Positions 60
Row-to-Row Spacing 3.5 mm [.137 in]
Mating Alignment With
Mating Alignment Type Polarization

↓ PRODUCT DRAWING
English

↓ 3D PDF

DOCUMENTATION

Product Drawings

HEADER ASSEMBLY, 60 POSITION, 6 ROW, SEQUENCED, BACKPLANE CONNECTOR, Z-PACK HS3
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

3D

Product Specifications

Application Specification

Z-PACK HS3 And HS3 Plus 6- And 10-Row Connectors

PDF

English

Product Specification

Z-PACK HS3 Dual Beam Connector System

PDF

English

Qualification Test Report

Z-PACK HS3 Dual Beam Connector System

PDF

English

Z-PACK HS3 Dual Beam Connector System

TIF

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

- Module Type Center
- Connector System Board-to-Board
- Row-to-Row Spacing 3.5 mm [.137 in]
- Connector Style Plug
- PCB Mounting Orientation Vertical
- Shrouded Partially Shrouded
- Connector & Contact Terminates To Printed Circuit Board
- Connector Type Header
- Product Type Connector
- Make First / Break Last No

Configuration Features

- Stackable No
- Number of Positions 60
- Number of Rows 6
- Number of Columns 10
- Preloaded Yes

Electrical Characteristics

Operating Voltage (VAC) 250

Signal Characteristics

Differential Pairs per Column 3

Contact Features

- Solder Tail Contact Plating Material Tin over Nickel
- Contact Current Rating (Max) (A) 1.15
- Contact Mating Area Plating Thickness .5 μm [19.68 μin]
- Contact Design Dual Beam
- Contact Mating Area Plating Material Tin
- Contact Style Feed Through, Press-Fit
- Contact Base Material Phosphor Bronze
- Contact Transmits (Typical) Signal (Data)
- Contact Type Pin

Termination Features

- Termination Method to PC Board Through Hole - Press-Fit
- Termination Post Length 9.7 mm [.382 in]

Mechanical Attachment

- Guide Hardware Without
- Mating Alignment With
- Mating Alignment Type Polarization
- Mating Retention Without
- PCB Mount Retention Type Action/Compliant Tail
- PCB Mount Retention With

Housing Features

- Centerline (Pitch) 2 mm [.079 in]
- Housing Color Black
- Housing Material Polyester - GF

Dimensions

- PCB Hole Diameter .05 mm [.002 in]
- Length 22.91 mm [.981 in]
- Tail Length (mm) 3.7
- Tail Length (in) .055, .146
- Width 17 mm [.669 in]
- PCB Thickness (Recommended) (mm) 1.4
- Height 11.8 mm [.464 in]

Usage Conditions

Operating Temperature Range -65 – 105 °C [-85 – 221 °F]

Operation/Application

For Use With Receptacle Assembly

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Tube

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF