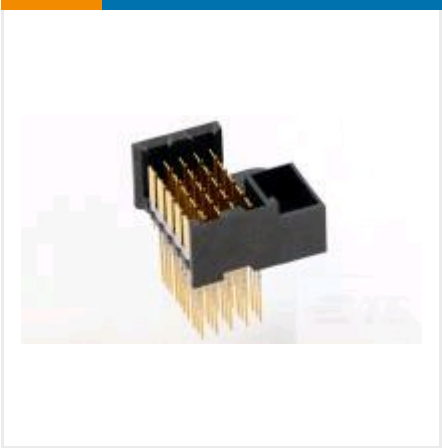




+ CONNECTORS

HIGH SPEED CONNECTORS



✓ Active

TE CONNECTIVITY (TE)
Z-PACK HS3 HDR ASSY 6R 30P RH
Z-PACK | HS3

5120839-1
TE Internal Number: 5120839-1

EU RoHS Compliant
EU ELV Compliant

Connector System Board-to-Board
Number of Positions 30
Row-to-Row Spacing 3.5 mm [.138 in]
Mating Alignment With
Mating Alignment Type Polarization

↓ PRODUCT DRAWING
English

↓ 3D PDF

DOCUMENTATION

Product Drawings

HEADER ASSEMBLY, 30 POSITION, SEQUENCED, RIGHT HAND, 6 ROW, Z-PACK HS3
PDF
English

CAD Files

3D PDF
PDF
3D

Customer View Model
3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP

English

Customer View Model

2D_DXF.ZIP

English

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

Agency Approvals

UL Report

Z-PACK HS3, HS3++ CONNECTORS 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

- Module Type Right
- Connector System Board-to-Board
- Row-to-Row Spacing 3.5 mm [.138 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 30
Number of Rows 6
Number of Columns 5
Number of Signal Positions 30
Preloaded Yes

Electrical Characteristics

Operating Voltage (VAC) 250

Signal Characteristics

Differential Pairs per Column 3
Differential Signaling No

Body Features

Guide Pin Style Compliant

Contact Features

Solder Tail Contact Plating Material Tin over Nickel
Contact Length 9.8 mm [.385 in]
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 Mating Area Length 3.9 mm [.154 in]
Contact Termination Area Plating Material Finish Matte
Contact Style Press-Fit, Short Tail
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 3.7 mm [.146 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 (mm) .05
PCB Thickness (Recommended) 1.4 mm [.055 in]
Tail Length 3.7 mm [.146 in]
Width 17 mm [.699 in]
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