



+ CONNECTORS

BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)
2MM FB,ASY,192,SIG,HDR,SL,SEQ
Z-PACK | Future Bus+

536545-2
TE Internal Number: 536545-2

Not EU RoHS Compliant
Not Yet Reviewed for EU ELV

Connector Style Plug
Number of Positions 192
Centerline (Pitch) 2 mm [.079 in]
Packaging Method Tube
Contact Mating Area Plating Material Gold

↓ PRODUCT DRAWING
English

↓ 3D PDF

DOCUMENTATION

Product Drawings

ASSEMBLY, PIN, SIGNAL, VERTICAL, Z-PACK 2mm FB, 4 ROW, SOLDER LEADS, RANDOM SEQUENCED
PDF (TIFF AVAILABLE)
English

CAD Files

3D PDF
PDF
3D

Customer View Model
2D_DXF.ZIP
English

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

Product Specifications

Application Specification

Z-PACK 2 Mm FB (Futurebus+) Receptacle And Pin Header Connectors

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 Signal
- Connector Style Plug
- Connector & Contact Terminates To Printed Circuit Board
- Post Type Solder Post
- Row-to-Row Spacing 2 mm [.079 in]
- PCB Mounting Orientation Vertical
- Connector Type Header
- Boss Without
- Make First / Break Last Yes
- Product Type Connector

Configuration Features

- Stackable No
- Number of Positions 192
- Number of Rows 4
- Sequencing Yes
- Number of Signal Positions 192

Electrical Characteristics

- Voltage (VAC) 30

Body Features

- Post Plating Material Tin-Lead over Nickel

Contact Features

Solder Tail Contact Plating Material Tin-Lead over Nickel
Contact Mating Area Plating Material Gold
Contact Mating Area Plating Thickness (µin) 30
Contact Current Rating (Max) (A) 5
Contact Layout Matrix
Solder Tail Contact Plating Thickness (µin) 150
Contact Base Material Phosphor Bronze
Contact Type Pin

Termination Features

Termination Method to PC Board Through Hole
Interface Type Futurebus+

Mechanical Attachment

PCB Mount Retention Without

Housing Features

Centerline (Pitch) 2 mm [.079 in]
Housing Material LCP (Liquid Crystal Polymer)
Housing Color Natural

Dimensions

Mating Post Length (mm) 5, 5.75
Mating Post Length (in) .196, .226
Height 17 mm [.669 in]
Tail Length 4.25 mm [.16 in]
Width 16 mm [.622 in]
PCB Thickness (Recommended) 1.3 mm [.05 in]

Usage Conditions

Operating Temperature Range (°C) -55 – 125

Operation/Application

Assembly Process Feature None
Pick and Place Cover Without
For Use With Receptacle Assembly

Packaging Features

Packaging Method Tube
Packaging Quantity 6

Other

Comment With sequenced contacts. Refer to customer drawing for specific loading patterns.

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
