

## 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

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Product Specifications

Application Specification

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

PDF

English

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## FEATURES



Please review product documents or [contact us](#) for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

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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

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Configuration Features

**Stackable** No

**Number of Positions** 192

**Number of Rows** 4

**Sequencing** Yes

**Number of Signal Positions** 192

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Electrical Characteristics

**Voltage (VAC)** 30

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Body Features

**Post Plating Material** Tin-Lead over Nickel

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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

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#### Termination Features

**Termination Method to PC Board** Through Hole  
**Interface Type** Futurebus+

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#### Mechanical Attachment

**PCB Mount Retention** Without

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#### Housing Features

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

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#### 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]

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#### Usage Conditions

**Operating Temperature Range (°C)** -55 – 125

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#### Operation/Application

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

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#### Packaging Features

**Packaging Method** Tube  
**Packaging Quantity** 6

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#### Other

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

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## PRODUCT COMPLIANCE



#### Statement of Compliance

## Statement of Compliance

PDF

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