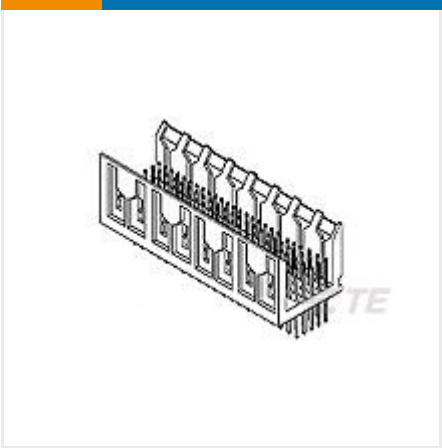




+ CONNECTORS

BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)
FB-5R,ASY,240,SIG,HDR,SL,4.25
Z-PACK | Future Bus+

5223011-8
TE Internal Number: 5223011-8

EU RoHS Compliant
EU ELV Compliant

Connector Style Plug
Number of Positions 240
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, 5 ROW, PRESS FIT 5mm MATING POST W/ 4.25mm PRESS FIT LEADS

PDF (TIFF AVAILABLE)
English

CAD Files

3D PDF
PDF
3D

Customer View Model
3D_IGS.ZIP
English

Customer View Model

2D_DXF.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

Product Specification

Connector, Z-PACK*, 2 Mm FB, Signal And Power

PDF

English

Qualification Test Report

Connector, Z-PACK, 2mm FB, Signal & Power

TIF

English

Connector, Z-PACK, 2mm FB, Signal & Power

PDF

English

Connector, Z-PACK, 2mm FB, Signal & Power

PDF

Japanese

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 Press-Fit
- Row-to-Row Spacing 2 mm [.079 in]
- PCB Mounting Orientation Vertical
- Connector Type Header
- Boss Without
- Product Type Connector

Configuration Features

Stackable No
Number of Positions 240
Number of Rows 5
Sequencing No
Number of Signal Positions 240

Electrical Characteristics

Dielectric Withstanding Voltage (VAC) 1000
Voltage (VAC) 30
Insulation Resistance (MΩ) 100 – 5000

Body Features

Post Plating Material Tin

Contact Features

Solder Tail Contact Plating Material Tin
Contact Mating Area Plating Material Gold
Contact Mating Area Plating Thickness .76 μm [29.9212 μin]
Contact Current Rating (Max) (A) 3
Solder Tail Contact Plating Thickness .6 μm [23.622 μin]
Contact Layout Matrix
Press-Fit Post Style Compliant Pin
Contact Base Material Phosphor Bronze
Contact Type Pin

Termination Features

Termination Method to PC Board Through Hole - Press-Fit
Termination Post Length 4.25 mm [.167 in]
Interface Type Futurebus+

Mechanical Attachment

Mating Alignment Type Polarization
PCB Mount Retention With
PCB Mount Retention Type Action/Compliant Tail

Housing Features

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

Dimensions

Mating Post Length 5 mm [.197 in]
Height 17.8 mm [.7 in]
Tail Length 4.25 mm [.167 in]
Width 18 mm [.709 in]

Usage Conditions

Operating Temperature Range (°C) -55 – 125

Operation/Application

Assembly Process Feature Board Standoff
Pick and Place Cover Without

Packaging Features

Packaging Method Tube
Packaging Quantity 6

Other

Comment Sequencing of the mating posts and lead lengths is available. Worksheets for this procedure may be found under Z-PACK 2mm FB General Information.

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance
PDF