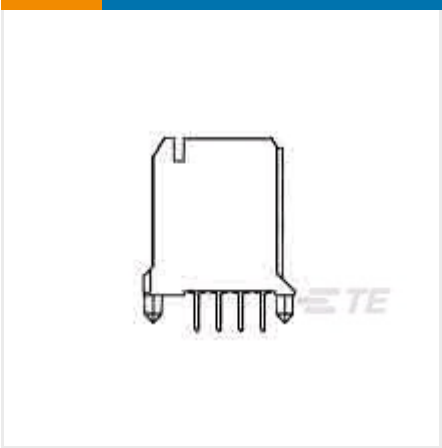




+ CONNECTORS

BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)
2MM FB,4RV,REC,ASY,048,PF,4.25
Z-PACK | Future Bus+

5223650-2
TE Internal Number: 5223650-2

EU RoHS Compliant
EU ELV Compliant

Connector Style Receptacle
Number of Positions 48
Centerline (Pitch) 2 mm [.079 in]
Packaging Method Tube
Contact Mating Area Plating Material Gold over Palladium Nickel

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

DOCUMENTATION

Product Drawings

ASSEMBLY, RECEPTACLE, SIGNAL, VERTICAL, 4 ROW, Z-PACK 2mm FB, WITH PRESS-FIT LEADS
PDF
English

CAD Files

Customer View Model
2D_DXF.ZIP
English

3D PDF
PDF
3D

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

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

Product Environmental Compliance

TE Material Declaration

MD_5223650-2_06172011612

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 Receptacle

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 Connector Assembly

Boss Without

Product Type Connector

Configuration Features

- Selectively Loaded** No
- Stackable** No
- Number of Positions** 48
- Number of Rows** 4
- Sequencing** No
- Number of Signal Positions** 48

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 over Palladium Nickel
- Contact Mating Area Plating Thickness (μin)** 30
- Contact Current Rating (Max) (A)** 3
- Solder Tail Contact Plating Thickness** .06 μm [2.3622 μin]
- Contact Layout** Matrix
- Press-Fit Post Style** Compliant Pin
- Contact Base Material** Phosphor Bronze
- Contact Type** Socket

Termination Features

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

Mechanical Attachment

- 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

- Height** 14.3 mm [.562 in]
- Tail Length** 4.25 mm [.167 in]

Usage Conditions

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

Operation/Application

Pick and Place Cover Without

Packaging Features

Packaging Method Tube

Packaging Quantity 21

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF