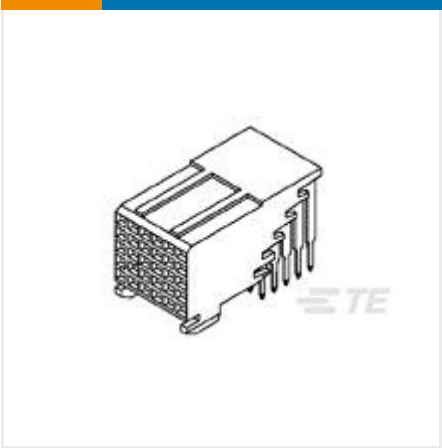




+ CONNECTORS

BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)
FB-5R,ASY,30,SIG,REC,SL,2.73
Z-PACK | Future Bus+

5223004-1
TE Internal Number: 5223004-1

EU RoHS Compliant
EU ELV Compliant

Connector Style Receptacle
Number of Positions 30
Centerline (Pitch) 2 mm [.079 in]
Packaging Method Tube
Contact Mating Area Plating Material Gold

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

DOCUMENTATION

Product Drawings

ASSEMBLY, RECEPTACLE, SIGNAL, RIGHT ANGLE, Z-PACK 2mm FB, 5 ROW, SOLDER LEAD
PDF
English

CAD Files

Customer View Model
2D_DXF.ZIP
English

Customer View Model
3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP

English

3D PDF

PDF

English

Product Specifications

Application Specification

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

PDF

English

Workmanship Specification

Ocena Wizualna Zlaczy Z-Pack Future Bus

TIF

Polish

Ocena Wizualna Zlaczy Z-Pack Future Bus

PDF

Polish

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_5223004-1_072120141150_dmtec

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 Solder Post

Row-to-Row Spacing 2 mm [.079 in]

PCB Mounting Orientation Right Angle

Connector Type Connector Assembly

Boss Without

Product Type Connector

Configuration Features

Stackable No

Number of Positions 30

Number of Rows 5

Sequencing No

Number of Signal Positions 30

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 Configuration Dual Beam

Contact Mating Area Plating Material Gold

Contact Mating Area Plating Thickness .05 μm [1.9685 μin]

Contact Current Rating (Max) (A) 3

Solder Tail Contact Plating Thickness 3.81 μm [149.9997 μin]

Contact Layout Matrix

Contact Base Material Phosphor Bronze

Contact Type Socket

Termination Features

Termination Method to PC Board Through Hole - Solder

Termination Post Length 2.73 mm [.107 in]

Interface Type Futurebus+

Mechanical Attachment

Mating Alignment Type Polarization

PCB Mount Retention Without

PCB Mount Alignment Type Locating Posts

Housing Features

Centerline (Pitch) 2 mm [.079 in]

Housing Material LCP (Liquid Crystal Polymer)

Housing Color Natural

Dimensions

Height 13.3 mm [.52269 in]
Tail Length 2.73 mm [.107289 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 48

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance
PDF