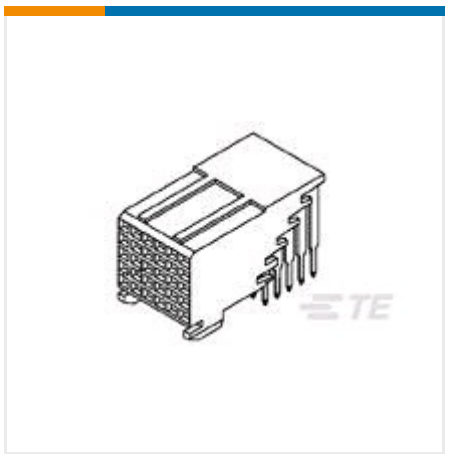
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CONNECTORS

BOARD-TO-BOARD HEADERS & RECEPTACLES



✔ Active

TE CONNECTIVITY (TE)

FB-5R,ASY,300,SIG,REC,SL,3.53

Z-PACK | Future Bus+

1-5223007-0
TE Internal Number: 1-5223007-0

EU RoHS Compliant
EU ELV Compliant

Connector Style Receptacle

Number of Positions 300

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 **(TIFF AVAILABLE)**

English

CAD Files

3D PDF

PDF

3D

Customer View Model

2D_DXF.ZIP

English

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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

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

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

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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 300
Number of Rows 5
Sequencing No
Number of Signal Positions 300

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 (µin) 30
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 3.53 mm [.139 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

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Dimensions

Height 13.3 mm [.52269 in]
Tail Length 3.53 mm [.139 in]

Usage Conditions

Operating Temperature Range (°C) -55 – 125

Operation/Application

Assembly Process Feature Board Standoff
Pick and Place Cover Without
For Use With Plug

Packaging Features

Packaging Method Tube
Packaging Quantity 4

PRODUCT COMPLIANCE

Statement of Compliance

Statement of Compliance
PDF

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