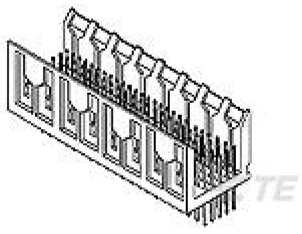

✓ Active

TE CONNECTIVITY (TE)

FB-5R,ASY,300,SIG,HDR,SL,4.25

Z-PACK | Future Bus+

5223000-1

TE Internal Number: 5223000-1

EU RoHS Compliant

EU ELV Compliant

Connector Style Plug

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, PIN, SIGNAL, VERTICAL, Z-PACK 2mm FB, 5 ROW, SOLDER LEAD

PDF **(TIFF AVAILABLE)**

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
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_5223000-1_072120141150_dmtec
PDF
English

FEATURES

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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 Solder Post
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 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 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 Pin

Termination Features

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

Mechanical Attachment

Mating Alignment Type Polarization
PCB Mount Retention Without

Housing Features

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

Dimensions

Mating Post Length 6.5 mm [.256 in]
Height 17 mm [.6681 in]
Tail Length 4.25 mm [.22 in]
Width 18 mm [.709 in]

Usage Conditions

Operating Temperature Range (°C) -55 – 125

Operation/Application

Pick and Place Cover Without

Packaging Features

Packaging Method Tube
Packaging Quantity 48

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

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Statement of Compliance

Statement of Compliance
PDF