



+ CONNECTORS

BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)
2MM FB,SIG,PIN,ASY,096,4.25
Z-PACK | Future Bus+

5536513-3
TE Internal Number: 5536513-3

EU RoHS Compliant
EU ELV Compliant

Connector Style Plug
Number of Positions 96
Centerline (Pitch) 2 mm [.079 in]
Packaging Method Tube
Contact Mating Area Plating Material Gold

↓ PRODUCT DRAWING
English

↓ 3D PDF

DOCUMENTATION

Product Drawings

PIN ASSEMBLY, SIGNAL MODULE, Z-PACK 2mm FB 2mm, 4 ROW, 5.00mm MATING LENGTH, SOLDER END
PDF (TIFF AVAILABLE)
English

CAD Files

Customer View Model
3D_IGS.ZIP
English

Customer View Model
3D_STP.ZIP
English

Customer View Model

2D_DXF.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_5536513-3_12122015030_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 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 96
Number of Rows 4
Sequencing No
Number of Signal Positions 96

Electrical Characteristics

Insulation Resistance (MΩ) 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 (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 Pin

Termination Features

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

Mechanical Attachment

Mating Alignment Type Guide Pins
PCB Mount Retention Without

Housing Features

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

Dimensions

Mating Post Length 5 mm [.197 in]
Height 17 mm [.669 in]
Tail Length 4.25 mm [.167 in]
Width 16 mm [.622 in]

Usage Conditions

Operating Temperature Range -55 – 125 °C [-67 – 257 °F]

Operation/Application

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

Packaging Features

Packaging Method Tube
Packaging Quantity 12

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