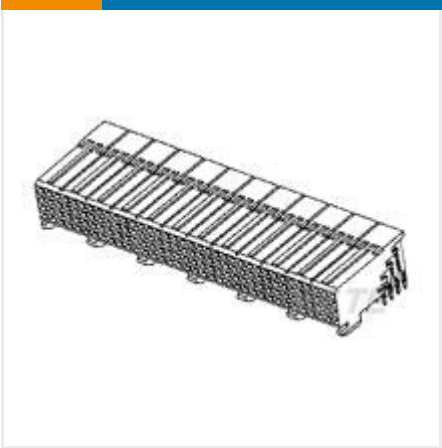




+ CONNECTORS

BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)
2MM FB,ASY,048,SIG,REC,SL,3.53
Z-PACK | Future Bus+

5536510-2
TE Internal Number: 5536510-2

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

↓ PRODUCT DRAWING
English

↓ 3D PDF

DOCUMENTATION

Product Drawings

RECEPTACLE ASSEMBLY, SIGNAL MODULE, Z-PACK 2mm FB,4 ROW, 3.53mm LEAD LENGTH
PDF
English

CAD Files

3D PDF
PDF
English

Customer View Model
2D_DXF.ZIP
English

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_5536510-2_120320122148

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 With

Product Type Connector

Configuration Features

Stackable No
Number of Positions 48
Number of Rows 4
Sequencing No
Number of Signal Positions 48

Electrical Characteristics

Voltage (VAC) 30

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 Polarizing Rib
PCB Mount Retention With
PCB Mount Retention Type Solder Tail (Pin)
PCB Mount Alignment Type Boss

Housing Features

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

Dimensions

Height 9.07 mm [.357 in]
Tail Length 3.53 mm [.138729 in]

Usage Conditions

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

Operation/Application

Pick and Place Cover Without
For Use With Plug

Packaging Features

Packaging Method Tube

Packaging Quantity 24

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF