



BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**
English

TE CONNECTIVITY (TE)

2MM FB,ASY,144,SIG,REC,SL,3.53

Z-PACK | [Future Bus+](#)

536510-5

TE Internal Number: 536510-5

5 of 6 EU RoHS/ELV Compliant

[Find Compliant Alternatives](#)

Connector Style **Receptacle**

Centerline **2 mm [.079 in]**

Number of Positions **144**

Packaging Method **Tube**

Contact Mating Area Plating Material **Gold**

Product Drawings

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

PDF ([TIFF AVAILABLE](#))
English

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

PDF ([TIFF AVAILABLE](#))
English

Product Specifications

Application Specification

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

PDF
English

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

Connector Style

Receptacle

PCB Mounting Orientation

Right Angle

Row-to-Row Spacing

2 mm [.079 in]

Product Type

Connector

Applies To

Printed Circuit Board

Boss

Without

Post Type

Solder Post

Module Type

Signal

Connector Type

Connector Assembly

Configuration Features	Number of Positions	144
	Sequencing	No
	Number of Signal Positions	144
	Number of Rows	4
Electrical Characteristics	Voltage (VAC)	30
Body Features	Post Plating Material	Tin-Lead over Nickel
Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness (µin)	30
	Contact Current Rating (A)	5
	Contact Type	Socket
	Solder Tail Contact Plating Material	Tin-Lead over Nickel
	Contact Layout	Matrix
	Solder Tail Contact Plating Thickness (µin)	150
	Contact Base Material	Phosphor Bronze
Termination Features	Interface Type	Futurebus+
	Termination Method to PC Board	Through Hole
	Termination Post Length	3.53 mm [.139 in]
Mechanical Attachment	PCB Mount Retention	Without
Housing Features	Centerline	2 mm [.079 in]
	Housing Material	LCP (Liquid Crystal Polymer)
	Housing Color	Natural
Dimensions	Tail Length	3.53 mm [.139 in]
	Height	11.8 mm [.464 in]
	PCB Thickness (Recommended)	1.3 mm [.05 in]
Usage Conditions	Operating Temperature Range (°C)	-55 – 125
Operation/Application	Pick and Place Cover	Without
	Assembly Process Feature	None

Packaging Features	Packaging Method	Tube
	Packaging Quantity	8
Product Compliance	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANCE	

Products - 1 Results

View All

Compare 0/10

Relation Type

RELATIONSHIP

Mating Products

Used to identify Mating Parts

See All Mating Products



PRODUCT - MATING PRODUCTS

Connectors - Board-to-Board Headers & Receptacles
Z-PACK I Future Bus+
2MM FB, SIG, PIN, ASY, 144, 4.25 - 536513-5
TE INTERNAL NUMBER: 536513-5

✓ Active

5 of 6 EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline **2 mm**

Number of Positions **144**

Packaging Method **Tube**

Contact Mating Area Plating

Material **Gold**

✓