



BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

2MM FB,ASY,096,SIG,REC,SL,2.73

Z-PACK | Future Bus+

536507-3

TE Internal Number: 536507-3

Alias ID: 650-1166-01

5 of 6 EU RoHS/ELV Compliant

[Find Compliant Alternatives](#)

Connector Style **Receptacle**

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

Number of Positions **96**

Packaging Method **Tube**

Contact Mating Area Plating Material **Gold**

Product Drawings

RECEPTACLE ASSEMBLY, SIGNAL MODULE, Z-PACK 2mm FB, 4 ROW, 2.73mm LEAD LENGTH

PDF
English

CAD Files

3D PDF

PDF
3D

Customer View Model

3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP
English

Customer View Model

2D_DXF.ZIP
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	96
	Sequencing	No
	Number of Signal Positions	96
	Number of Rows	4
	Stackable	No
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	2.73 mm [.107 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	2.73 mm [.107 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
	For Use With	Mates with Headers
Packaging Features	Packaging Method	Tube
	Packaging Quantity	12
Product Compliance	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANCE	

Products - 3 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, ASY, 96, SIG,
HDR, SL, 4.25 - 536501-3

TE INTERNAL NUMBER: 536501-3
ALIAS ID: 651-1135-01

✓ Active

5 of 6 EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline **2 mm**

Number of Positions **96**

Packaging Method **Tube**

Contact Mating Area Plating
Material **Gold**



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, ASY, 096, SIG,

Not EU RoHS or ELV Compliant

Connector Style **Plug**

Centerline **2 mm**





HDR, EN, 6.50 - 536504-3

TE INTERNAL NUMBER: 536504-3
ALIAS ID: 2-42936-9583

✓ Active

Centerline 2 mm

Number of Positions 96

Packaging Method Tube

Contact Mating Area Plating

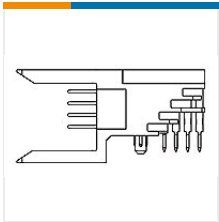
Material Gold

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+

2MMFB, IS, ASY, 096,
SIG, HDR, SL - 223513-3
TE INTERNAL NUMBER: 223513-3

✓ Active

5 of 6 EU RoHS/ELV Compliant

Connector Style Plug

Centerline 2 mm

Number of Positions 96

Packaging Method Tube

Contact Mating Area Plating

Material Gold Flash over

Palladium Nickel