



BOARD-TO-BOARD HEADERS & RECEPTACLES



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English

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TE CONNECTIVITY (TE)

2MM FB,ASY,48,SIG,HDR,SL,4.25

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

5536501-2

TE Internal Number: 5536501-2

Always EU RoHS/ELV Compliant

Connector Style **Plug**

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

Number of Positions **48**

Packaging Method **Tube**

Contact Mating Area Plating Material **Gold**

Product Drawings

[Z-PACK 2mm FB, SIGNAL MODULE, PIN ASSEMBLY 2mm](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
3D

[Customer View Model](#)

2D_DXF.ZIP
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3D_IGS.ZIP
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Product Specifications

Product Specification

[Connector, Z-PACK*, 2 Mm FB, Signal And Power](#)

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Application Specification

[Z-PACK 2 Mm FB \(Futurebus+\) Receptacle And Pin Header Connectors](#)

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Qualification Test Report

[Connector, Z-PACK, 2mm FB, Signal & Power](#)

TIF
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Japanese

Product Type Features	Connector Style	Plug
	PCB Mounting Orientation	Vertical
	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	Header	

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

Electrical Characteristics	Voltage (VAC)	30
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Body Features	Post Plating Material	Tin
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
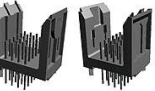

Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness (µm)	.76
	Contact Current Rating (A)	3
	Contact Type	Pin
	Solder Tail Contact Plating Material	Tin
	Contact Layout	Matrix
	Solder Tail Contact Plating Material Finish	Matte
	Solder Tail Contact Plating Thickness	3.81 µm [149.9997 µin]
	Contact Base Material	Phosphor Bronze

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

Mechanical Attachment	Mating Alignment Type	Guide Pins
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	PCB Mount Retention	With
	PCB Mount Retention Type	Action/Compliant Tail
Housing Features	Centerline	2 mm [.079 in]
	Housing Material	LCP (Liquid Crystal Polymer)
	Housing Entry Style	Top
Dimensions	Mating Post Length	6.5 mm [.256 in]
	Tail Length	4.25 mm [.167 in]
	Width	16 mm [.622 in]
	Height	17 mm [.669 in]
Usage Conditions	Operating Temperature Range	-55 – 125 °C [-67 – 257 °F]
Operation/Application	Pick and Place Cover	Without
	Assembly Process Feature	Board Standoff
	For Use With	Receptacle Assembly
Packaging Features	Packaging Method	Tube
	Packaging Quantity	24
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 PDF VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

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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, 048, SIG, REC, EN, 3.55 - 5536511-2

TE INTERNAL NUMBER: 5536511-2

Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline **2 mm**

Number of Positions **48**

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, 048, SIG, REC, SL, 2.73 - 5536507-2

TE INTERNAL NUMBER: 5536507-2

Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline **2 mm**

Number of Positions **48**

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, 048, SIG, REC, SL, 3.53 - 5536510-2

TE INTERNAL NUMBER: 5536510-2

Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline **2 mm**

Number of Positions **48**

Packaging Method **Tube**

Contact Mating Area Plating

Material **Gold**



