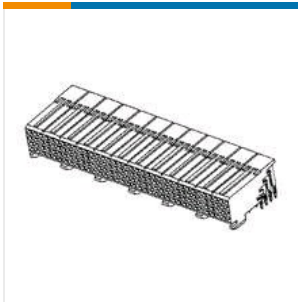




BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

2MM FB,ASY,192,SIG,REC,EN,3.55

Z-PACK | Future Bus+

5536511-4

TE Internal Number: 5536511-4

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

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

Number of Positions **192**

Packaging Method **Tube**

Contact Mating Area Plating Material **Gold**

Product Drawings

[RCPT. ASSY, SIGNAL MODULE, Z-PACK 2mm FB 4 ROW, 3.55mm PRESS FIT LEAD LENGTH](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
3D

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

Product Specifications

Product Specification

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

PDF
English

Application Specification

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

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

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	Press-Fit
	Module Type	Signal
Connector Type	Connector Assembly	

Configuration Features	Number of Positions	192
	Sequencing	No
	Number of Signal Positions	192
	Number of Rows	4
	Stackable	No

Electrical Characteristics	Voltage (VAC)	30
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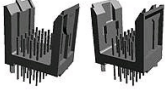


Body Features	Post Plating Material	Tin
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Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness (μin)	30
	Contact Current Rating (A)	3
	Contact Type	Socket
	Contact Configuration	Dual Beam
	Solder Tail Contact Plating Material	Tin
	Contact Layout	Matrix
	Press-Fit Post Style	Compliant Pin
	Solder Tail Contact Plating Thickness	.6 μm [23.622 μin]
	Contact Base Material	Phosphor Bronze

Termination Features	Interface Type	Futurebus+
	Termination Method to PC Board	Through Hole - Press-Fit
	Termination Post Length	3.56 mm [.14 in]

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	2 mm [.079 in]
	Housing Material	LCP (Liquid Crystal Polymer)
	Housing Color	Natural
Dimensions	Tail Length	3.55 mm [.139515 in]
	Height	8.25 mm [.324 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	6
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

<p>SURFACE MOUNT RESISTORS</p>  <p>RN 0603 9K09 0.1% 10PPM CUT LENGTH RN73C1J9K09BTG</p> <p>Save to List Find Similar Products</p>	<p>BOARD-TO-BOARD HEADERS & RECEPTACLES</p>  <p>2MM FB, ASY, 192, SIG, HDR, EN, 6.50 5536504-4</p> <p>Save to List Find Similar Products</p>	<p>SURFACE MOUNT RESISTORS</p>  <p>3521 680K 1% 2W 3521680KFT</p> <p>Save to List Find Similar Products</p>	<p>SURFACE MOUNT RESISTORS</p>  <p>CRGH2512 5% 39R 2W CRGH2512J39R</p> <p>Save to List Find Similar Products</p>
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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 | Future Bus+

**2MM FB, ASY, 192, SIG,
HDR, EN, 6.50
- 5536504-4**

TE INTERNAL NUMBER: 5536504-4

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline **2 mm**

Number of Positions **24**

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 | Future Bus+

**2MMFB, ASY, 192, SIG,
HDR, EN, 4.25
- 5536514-4**

TE INTERNAL NUMBER: 5536514-4

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline **2 mm**

Number of Positions **192**

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 | Future Bus+

**2MM FB, ASY, 192, SIG,
HDR, SL, 4.25 - 536501-4**

TE INTERNAL NUMBER: 536501-4

✓ Active

5 of 6 EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline **2 mm**

Number of Positions **192**

Packaging Method **Tube**

Contact Mating Area Plating

Material **Gold**