



BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

2MMFB,ASY,096,SIG,HDR,EN,4.25

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

5536514-3

TE Internal Number: 5536514-3

Alias ID: 1398312

[Always EU RoHS/ELV Compliant](#)

Connector Style **Plug**

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

Number of Positions **96**

Packaging Method **Tube**

Contact Mating Area Plating Material **Gold**

Product Drawings

[PIN ASSEMBLY, SIGNAL MODULE, Z-PACK 2mm FB 2mm, 4 ROW, 5.00 Mm MATING LENGTH PRESS FIT LEAD](#)

PDF
[English](#)

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
[English](#)

[Customer View Model](#)

3D_IGS.ZIP
[English](#)

[Customer View Model](#)

3D_STP.ZIP
[English](#)

[3D PDF](#)

PDF
[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	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	Press-Fit
	Module Type	Signal
Connector Type	Header	

Configuration Features	Number of Positions	96
	Sequencing	No
	Number of Signal Positions	96
	Number of Rows	4
	Stackable	No

Body Features	Post Plating Material	Tin
---------------	-----------------------	------------

Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness (µin)	30
	Contact Current Rating (A)	3
	Contact Type	Pin
	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	4.25 mm [.167 in]

Mechanical Attachment	Mating Alignment Type	Polarizing Rib
-----------------------	-----------------------	-----------------------

Housing Features	Centerline	2 mm [.079 in]
------------------	------------	-------------------------

Housing Material **LCP (Liquid Crystal Polymer)**

Housing Entry Style **Top**

Dimensions	Mating Post Length	5 mm [.197 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**
For Use With **Receptacle Assembly**

Packaging Features Packaging Method **Tube**
Packaging Quantity **12**

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](#)

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 | Future Bus+

2MM FB, ASY, 096, SIG, REC, SL, 3.53 - 5536510-3
TE INTERNAL NUMBER: 5536510-3

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline **2 mm**

Number of Positions **96**

Packaging Method **Tube**

Contact Mating Area Plating



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, 096, SIG,
REC, EN, 3.55
- 5536511-3**

TE INTERNAL NUMBER: 5536511-3

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline **2 mm**

Number of Positions **96**

Packaging Method **Tube**

Contact Mating Area Plating

Material **Gold**

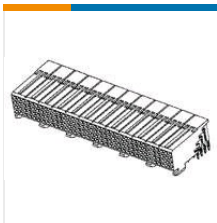


RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - Board-to-Board Headers & Receptacles
Z-PACK | Future Bus+

**2MM FB, ASY, 096, SIG,
REC, SL, 2.73 - 5536507-3**

TE INTERNAL NUMBER: 5536507-3

ALIAS ID: 2-42936-9593

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline **2 mm**

Number of Positions **96**

Packaging Method **Tube**

Contact Mating Area Plating

Material **Gold**

