



BOARD-TO-BOARD HEADERS & RECEPTACLES



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

2MM FB,ASY,048,SIG,REC,SL,3.53

Z-PACK | Future Bus+

5536510-2

TE Internal Number: 5536510-2

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

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

Number of Positions **48**

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
English

CAD Files

3D PDF

PDF
English

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

Product Environmental Compliance

TE Material Declaration

MD_5536510-2_120320122148

DNC

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	With
	Post Type	Solder Post
	Module Type	Signal
Connector Type	Connector Assembly	

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 (µin)	30
	Contact Current Rating (A)	3
	Contact Type	Socket
	Contact Configuration	Dual Beam
	Solder Tail Contact Plating Material	Tin
	Contact Layout	Matrix
	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 - Solder

Termination Post Length **3.53 mm [.139 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	3.53 mm [.138729 in]
	Height	9.07 mm [.357 in]

Usage Conditions	Operating Temperature Range	-55 – 125 °C [-67 – 257 °F]
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Operation/Application	Pick and Place Cover	Without
	For Use With	Plug

Packaging Features	Packaging Method	Tube
	Packaging Quantity	24

Product Compliance [Statement of Compliance PDF](#)
[VIEW ALL PRODUCT COMPLIANCE](#)

Products - 12 Results

[View All](#)

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Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS

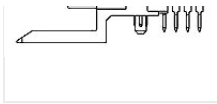


Connectors - Board-to-Board Headers & Receptacles
Z-PACK | Future Bus+
AMMER IC ACSV OR

Always EU RoHS/ELV Compliant

Connector Style **Plug**





ZIVIVFD, IS, AS1, U40,
SIG, HDR, SL - 5223513-2

TE INTERNAL NUMBER: 5223513-2

✓ Active

Centerline **2 mm**

Number of Positions **48**

Packaging Method **Tube**

Contact Mating Area Plating

Material **Gold over Palladium
Nickel**

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, 048, SIG,
HDR, EN, 6.50
- 5536504-2**

TE INTERNAL NUMBER: 5536504-2

✓ 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+

**2MM FB, SIG, PIN, ASY,
048, 4.25 - 536513-2**

TE INTERNAL NUMBER: 536513-2

✓ Active

5 of 6 EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline **2 mm**

Number of Positions **48**

Packaging Method **Tube**

Contact Mating Area Plating

Material **Gold**

