



HIGH SPEED CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

Tin man Header Assy 4x8 Double

Z-PACK | TinMan

1934306-1

TE Internal Number: 1934306-1

Always EU RoHS/ELV Compliant

Number of Positions **96**

Row-to-Row Spacing **1.4 mm [.055 in]**

Contact Current Rating (A) **.5**

Mating Alignment **With**

Mating Alignment Type **Guide Slot**

Product Drawings

[HEADER ASSEMBLY, DOUBLE WALL, 4 PAIR 8 COLUMN TinMan](#)

PDF
English

CAD Files

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[Customer View Model](#)

2D_DXF.ZIP
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[3D PDF](#)

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Catalog Pages/Data Sheets

[High Speed Backplane Connectors Catalog - Z-PACK TinMan High Speed, High Density Backplane Connector](#)

PDF
English

[Z-PACK TinMan High Speed High Density Backplane Connector Catalog 5-1773447-9](#)

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Product Specifications

Product Specification

[Z-PACK TinMan Connector System](#)

PDF
English

Application Specification

[Z-PACK TinMan Connector System](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_1934306-1_012120141738_dmtec](#)

PDF

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	Row-to-Row Spacing	1.4 mm [.055 in]
	Connector System	Board-to-Board
	Connector Style	Plug
	Board-to-Board Configuration	Mezzanine, Right Angle
	PCB Mounting Orientation	Vertical
	Shrouded	Fully Shrouded
	Product Type	Connector
	Applies To	Printed Circuit Board
	Connector Type	Header
	Make First / Break Last	No
Sealed	No	

Configuration Features	Number of Positions	96
	Number of Rows	12
	Number of Columns	8
	Number of Pairs	32
	Number of Signal Positions	64
	Pairs per Column	4
	Stackable	No

Electrical Characteristics	Operating Voltage (VAC)	250
	UL Voltage Rating (VAC)	250
	Impedance (Ω)	100

Signal Characteristics	Differential Impedance (Ω)	100
	Differential Pairs per Column	4
	Differential Signaling	Yes
	Data Rate (Gb/s)	10

Contact Features	Contact Current Rating (A)	.5
	Contact Style	Press-Fit
	Contact Mating Area Plating Thickness	.76 μm [29.92 μin]

Contact Base Material	Phosphor Bronze
Contact Termination Area Plating Thickness	.5 μm [19.685 μin]
Contact Design	Rectangular Post
Contact Mating Area Plating Material	Gold
Contact Type	Pin
Contact Length (mm)	6
Contact Termination Area Plating Material Finish	Matte
Contact Termination Area Plating Material	Tin
Contact Transmits (Typical)	Signal (Data)

Termination Features	Termination Method to PC Board	Through Hole - Press-Fit
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Mechanical Attachment	Mating Alignment	With
	Mating Alignment Type	Guide Slot
	PCB Mount Retention Type	Action/Compliant Tail
	PCB Mount Alignment	Without
	PCB Mount Retention	With
	Guide Hardware	Without
	Mating Retention	Without

Housing Features	Centerline	1.9 mm [.075 in]
	Housing Color	Black
	End Wall Location	Dual
	Housing Material	LCP (Liquid Crystal Polymer)

Dimensions	PCB Hole Diameter (mm)	.47
	Height (mm)	11.8
	Length (mm)	11.8
	Width (mm)	20.2
	Tail Length	2.5 mm [.098 in]

Usage Conditions	Operating Temperature Range	-65 – 90 °C [-85 – 194 °F]
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Operation/Application	For Use With	Receptacle Assembly
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Industry Standards	Agency/Standard	UL
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UL Rating	Recognized
UL File Number	E28476
UL Flammability Rating	UL 94V-0

Packaging Features	Packaging Method	Tube, Tube/Box
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Product Compliance

[Statement of Compliance PDF](#)

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Relation Type 

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - High Speed Connectors
Z-PACK I TinMan

Tin Man Recpt Assy
4Pair8Column
- 1934222-1

TE INTERNAL NUMBER: 1934222-1

 Active

Always EU RoHS/ELV Compliant

Number of Positions **96**

Row-to-Row Spacing **1.4 mm**

Contact Current Rating **.5 A**

Mating Alignment **With**

Mating Alignment Type **Guide Slot**