1934228-1 ✓ ACTIVE

Z-PACK | Z-PACK TinMan

TE Internal #: 1934228-1

90 Position, Mating Alignment, Guide Slot Mating Alignment Type,

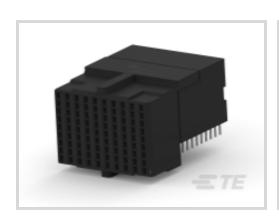
9 Row, 10 Column, Z-PACK TinMan, High Speed Backplane

Connectors

View on TE.com >



Connectors > PCB Connectors > Backplane Connectors > High Speed Backplane Connectors











Number of Positions: 90

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

Mating Alignment: With

Mating Alignment Type: Guide Slot

Number of Rows: 9

Features

Product Type Features

Signal Arrangement	Differential
Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board
PCB Connector Assembly Type	PCB Mount Receptacle
Shroud Style	Unshrouded
Configuration Features	
Pairs per Column	3
Number of Pairs	30
Stackable	No
Number of Signal Positions	60
Backplane Architecture	Traditional Backplane
Number of Positions	90
Number of Rows	9
Number of Columns	10



Impedance 100 Ω Operating Voltage 250 VAC Signal Characteristics Differential Impedance 100 Ω Number of Differential Pairs per Column 3 Data Rate 10 Gb/s Shield Material Principle Pr		
Impedance 100 Q 250 VAC 350 VA	PCB Mount Orientation	Right Angle
Operating Voltage 250 VAC Signal Characteristics 100 Ω Number of Differential Pairs per Column 3 Data Rate 10 Gb/s Body Features ************************************	Electrical Characteristics	
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Mating Alignment Type Guide Slot	PCB Mount Retention Type	Action/Compliant Tail
	Mating Alignment	With
Connector Mounting Type Board Mount	Mating Alignment Type	Guide Slot
	Connector Mounting Type	Board Mount



Housing Features

Number of Shrouded Sides	0
End Wall Location	None
Housing Material	LCP (Liquid Crystal Polymer)
Centerline (Pitch)	1.9 mm[.075 in]
Dimensions	
Connector Length	19.15 mm
Connector Height	16 mm
Connector Width	23.41 mm
PCB Thickness (Recommended)	1.57 mm[.062 in]
PCB Hole Diameter	.47 mm
Row-to-Row Spacing	1.4 mm[.055 in]
Usage Conditions	
Operating Temperature Range	-65 – 90 °C[-85 – 194 °F]
Operation/Application	
Circuit Application	Signal
Industry Standards	
Compatible With Agency/Standards Products	UL
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-0
Packaging Features	

Product Compliance

Packaging Method

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per

Bag, Box & Tube



homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts



TE Part # 1934342-1 Tin Man Header Assy 3x10 Double



TE Part # 1934357-1 Tinman R/A Header Assy 3x10 Open

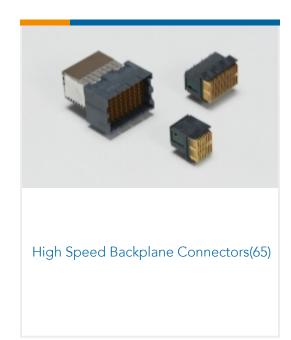








Also in the Series | Z-PACK TinMan



Customers Also Bought

















Documents

Product Drawings

Tin Man Recept Assy 3 pair 10 C

English

CAD Files

Customer View Model

ENG_CVM_CVM_1934228-1_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1934228-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1934228-1_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

High Speed Backplane Connectors catalog - Z-PACK TinMan High Speed, High Density Backplane Connector

English

Z-PACK TinMan High Speed High Density Backplane Connector Catalog 5-1773447-9

English

Product Specifications

Application Specification

English

90 Position, Mating Alignment, Guide Slot Mating Alignment Type, 9 Row, 10 Column, Z-PACK TinMan, High Speed Backplane Connectors

