



HARD METRIC BACKPLANE CONNECTORS



✓ Active

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English

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TE CONNECTIVITY (TE)

2MM HM, ASY, T-E, HDR, 08R, 200, AP

Z-PACK | Z-PACK 2mm HM

646347-1

TE Internal Number: 646347-1

Alias ID: 2-42939-4847

Not EU RoHS or ELV Compliant

[Find Compliant Alternatives](#)

Data Rate (Gb/s) **≤1**

Number of Columns **25**

Number of Rows **8**

Centerline (mm) **2**

Number of Positions **200**

Product Drawings

[MALE ASSEMBLY, Z-PACK 2mm HM TYPE E](#)

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CAD Files

[Customer View Model](#)

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Product Specifications

Product Specification

[Connector, Z-PACK, 8 Row, 2mm HM](#)

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Application Specification

[Z-PACK 2mm HM Interconnection System For Board-To-Board Connections](#)

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Qualification Test Report

[Connector, Z-PACK, 8 Row, 2mm HM](#)

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[Connector, Z-PACK, 8 Row, 2mm HM](#)

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Japanese

Product Type Features	PCB Mounting Orientation	Vertical
	Shielded	No
	Connector Style	Plug
	Make First / Break Last	No
	Connector Type	Connector Assembly
	Applies To	Printed Circuit Board
Configuration Features	Number of Columns	25
	Number of Rows	8
	Number of Positions	200
	Rows Loaded	A, B, C, D, E, F, H
Signal Characteristics	Data Rate (Gb/s)	≤1
Contact Features	Contact Mating Area Plating Material	Gold
	Contact Style	Short Tail
	CompactPCI Designation	None
	Contact Mating Area Length (mm)	13.45
	Feedthrough Post Length (mm)	3.7
	Contact Base Material	Phosphor Bronze
	Contact Configuration	ACTION PIN, Signal
	Grounding Contact	Without
	Contact Type	Pin
Termination Features	Termination End Plating Material	Tin-Lead over Nickel
	Interface Type	2mm HM
Mechanical Attachment	Front Mating Level	Level 1
Housing Features	Centerline (mm)	2
	Housing Color	Gray
	Housing Material	Polyester - GF
Dimensions	Module Length (mm)	50
Industry Standards	III Flammability Rating	III 94V.0

Industry Standards

UL Flammability Rating

UL 94V-0

AdvancedTCA Specified Product

No

Packaging Features

Packaging Method

Tube

Packaging Quantity

11

Product Compliance

[Statement of Compliance](#)
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Relation Type

RELATIONSHIP

Mating Products

Used to identify Mating Parts

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PRODUCT - MATING PRODUCTS



Connectors - Hard Metric Connectors
Z-PACK | Z-PACK 2mm HM

**2MM HM, ASY, T-E, REC,
TWIST TULIP - 646445-1**

TE INTERNAL NUMBER: 646445-1
ALIAS ID: 2-42939-4846

✓ Active

Not EU RoHS or ELV Compliant

Data Rate ≤ 1 Gb/s

Number of Columns **25**

Number of Rows **8**

Centerline **2 mm**

Number of Positions **200**



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