



HARD METRIC BACKPLANE CONNECTORS



TE CONNECTIVITY (TE)

Z-PACK A-B 25 COLUMN SHLD ASSY

Z-PACK | Z-PACK 2mm HM

646547-1

TE Internal Number: 646547-1

Not EU RoHS or ELV Compliant

[Find Compliant Alternatives](#)

Data Rate (Gb/s) **≤1**

Number of Columns **25**

Number of Rows **5**

Centerline (mm) **2**

Number of Positions **125**

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

Product Drawings

[RECEPTACLE ASSEMBLY, Z-PACK 2mm HM, TYPE A/B](#)

PDF
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

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3D_IGS.ZIP
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Product Specifications

Product Specification

[Z-Pack 2 Mm HM CONNECTORS](#)

PDF
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Application Specification

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

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English

Product Environmental Compliance

TE Material Declaration

[MD_646547-1_083120122158](#)

PDF
English

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	PCB Mounting Orientation	Right Angle
	Shielded	Yes
	Connector Style	Receptacle
	Make First / Break Last	No
	Connector Type	Connector Assembly
	Applies To	Printed Circuit Board
Configuration Features	Number of Columns	25
	Number of Rows	5
	Number of Positions	125
	Rows Loaded	Fully Loaded
Signal Characteristics	Data Rate (Gb/s)	≤1
	Crosstalk Version	Standard
Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness (µm)	.76
	Contact Style	Short Tail
	CompactPCI Designation	None
	Feedthrough Post Length (mm)	3.3
	Contact Base Material	Phosphor Bronze
	Number of Signal Contacts	125
	Contact Configuration	ACTION PIN
	Grounding Contact	Without
Contact Type	Pin	
Termination Features	Termination End Plating Material	Tin-Lead over Nickel
	Interface Type	2mm HM
Housing Features	Centerline (mm)	2
	Housing Color	Gray
	Housing Material	Polyester - GF
Dimensions	Module Length (mm)	49.9
Industry Standards	UL Flammability Rating	UL 94V-0
	AdvancedTCA Specified Product	No

Packaging Features

Packaging Method

Tube

Packaging Quantity

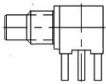
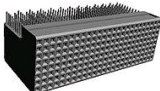


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Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

SMC CONNECTORS	HARD METRIC BACKPLANE CONNECTORS	PCB D-SUB CONNECTORS	CIRCULAR POWER CONNECTORS
			
5064 5003 09 1060259-1	2MM HM, ASY, T-E, REC, TWIST TULIP 5646445-1	09 HTMSFL PLUG RA 318 (IN, BL) 788792-1	CPC POSTED RCPT, 13-7 LF 1-796433-1
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