



HARD METRIC BACKPLANE CONNECTORS



TE CONNECTIVITY (TE) 2MM HDR, 55 POS EXTN MOD Z-PACK | Z-PACK 2mm HM

5100159-1
TE Internal Number: 5100159-1

Always EU RoHS/ELV Compliant

Data Rate (Gb/s) ≤ 1

Number of Rows **5**

Centerline (mm) **2**

Number of Positions **55**

PCB Mounting Orientation **Vertical**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

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

PDF
English

CAD Files

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

PDF
English

Product Specifications

Product Specification

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

PDF
English

Application Specification

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

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_5100159-1_10092015744_dmtec](#)

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	Vertical
	Shielded	No
	Connector Style	Plug
	Connector Type	Connector Assembly
	Applies To	Printed Circuit Board
Configuration Features	Number of Rows	5
	Number of Positions	55
	Rows Loaded	A, B, C, D, E
Signal Characteristics	Data Rate (Gb/s)	≤1
	Crosstalk Version	Standard
Contact Features	Contact Mating Area Plating Material	Performance Based
	Contact Style	Short Tail
	CompactPCI Designation	None
	Feedthrough Post Length (mm)	3.7
	Contact Base Material	Phosphor Bronze
	Contact Configuration	ACTION PIN, Signal
	Grounding Contact	Without
Termination Features	Termination End Plating Material	Tin over Nickel
	Interface Type	2mm HM
Mechanical Attachment	Front Mating Level	Level 1
	Mating Alignment Type	Polarizing Peg
Housing Features	Centerline (mm)	2
	Housing Color	Gray
	Housing Material	PBT GF
Dimensions	Module Length (mm)	25
Industry Standards	UL Flammability Rating	UL 94V-0
	AdvancedTCA Specified Product	No
Packaging Features	Packaging Method	Tube

Other

Comment





This module type is used only at one end of stacked connector modules

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

HARD METRIC BACKPLANE CONNECTORS	BACKPLANE GUIDE HARDWARE	SURFACE MOUNT RESISTORS	RIBBON CABLE CONNECTORS
			
PACK/A MALE HDR 110P, 2MM HM 100143-1	UPM R/A KEYED GUIDE PIN 1469265-1	RP 1J 0.166W 68K1 0.1% 25PPM 1K RL RP73PF1J68K1BTDF	A/L UNIV HDR 30P VERT LG LAT 5499206-7
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Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



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

Z-PACK/C RAF 55P
- 5100161-1

TE INTERNAL NUMBER: 5100161-1
ALIAS ID: 1104989, 1329656, 1363936

✓ Active

Always EU RoHS/ELV Compliant

Data Rate **≤1 Gb/s**

Number of Rows **5**

Centerline **2 mm**

Number of Positions **55**

PCB Mounting Orientation **Right Angle**