



HARD METRIC BACKPLANE CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE) Z-PACK/C RAF 55P Z-PACK | Z-PACK 2mm HM

5100161-1
TE Internal Number: 5100161-1
Alias ID: 1104989, 1329656, 1363936

Always EU RoHS/ELV Compliant

Data Rate (Gb/s) ≤ 1

Number of Rows **5**

Centerline (mm) **2**

Number of Positions **55**

PCB Mounting Orientation **Right Angle**

Product Drawings

[Z-PACK 2mm HM TYPE C 55 POS. FEMALE CONNECTOR](#)
PDF
English

CAD Files

[Customer View Model](#)
2D_DXF.ZIP
English

[Customer View Model](#)
3D_IGS.ZIP
English

[Customer View Model](#)
3D_STP.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_5100161-1_03032016854_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	Right Angle
	Shielded	No
	Connector Style	Receptacle
	Make First / Break Last	No
	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	Mating Alignment Type	Guide Lugs
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

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

BACKPLANE GUIDE HARDWARE	POWER CONTACTS	HARD METRIC BACKPLANE CONNECTORS	LGA SOCKETS
 <p>UPM R/A KEYED GUIDE PIN 1469265-1</p> <p>Save to List Find Similar Products</p>	 <p>UMNL SPLIT PIN AUNI/BR 350699-7</p> <p>Save to List Find Similar Products</p>	 <p>Z-PACK/C RAMH. 55P. 5106012-1</p> <p>Save to List Find Similar Products</p>	 <p>SOCKET ASSY LGA1155 2069965-1</p> <p>Save to List Find Similar Products</p>

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Relation Type

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)


PRODUCT - MATING PRODUCTS	
 <p>Connectors - Hard Metric Connectors Z-PACK Z-PACK 2mm HM Z-PACK/C M-HDR 55P. - 5106303-1 TE INTERNAL NUMBER: 5106303-1</p> <p>Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Data Rate ≤ 1 Gb/s</p> <p>Number of Columns 11</p> <p>Number of Rows 5</p> <p>Number of Positions 55</p> <p>PCB Mounting Orientation Vertical</p>

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS	
 <p>Connectors - Hard Metric Connectors Z-PACK Z-PACK 2mm HM</p>	<p>Always EU RoHS/ELV Compliant</p>



2MM HDR, 55 POS EXTN MOD - 5100159-1

TE INTERNAL NUMBER: 5100159-1

✓ Active

Data Rate ≤ 1 Gb/s

Number of Rows **5**

Centerline **2 mm**

Number of Positions **55**

PCB Mounting Orientation

Vertical

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



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

2MMHM PIN HDR MOD C 55 POS - 5188232-1

TE INTERNAL NUMBER: 5188232-1
ALIAS ID: 1363219

✓ Active

Always EU RoHS/ELV Compliant

Data Rate ≤ 1 Gb/s

Number of Rows **5**

Number of Positions **55**

PCB Mounting Orientation

Vertical

Packaging Method **Tube**

