



# HARD METRIC BACKPLANE CONNECTORS



TE CONNECTIVITY (TE)

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

Z-PACK | Z-PACK 2mm HM

5646347-1

TE Internal Number: 5646347-1

Always EU RoHS/ELV Compliant

Data Rate (Gb/s) **≤1**

Number of Columns **25**

Number of Rows **8**

Centerline (mm) **2**

Number of Positions **200**

Active

PRODUCT DRAWING  
English

3D PDF

## Product Drawings

**MALE ASSEMBLY, Z-PACK 2mm HM TYPE E**

PDF (TIFF AVAILABLE)  
English

**MALE ASSEMBLY, Z-PACK 2mm HM TYPE E**

PDF (TIFF AVAILABLE)  
English

## CAD Files

Customer View Model

2D\_DXF.ZIP  
English

3D PDF

PDF  
3D

Customer View Model

3D\_IGS.ZIP  
English

Customer View Model

3D\_STP.ZIP  
English

## Product Specifications

Product Specification

**Connector, Z-PACK, 8 Row, 2mm HM**

PDF  
English

Application Specification

**Z-PACK 2mm HM Interconnection System For Board-To-Board Connections**

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	<b>Plug</b>
	Connector Type	<b>Connector Assembly</b>
	Applies To	<b>Printed Circuit Board</b>
Configuration Features	Number of Columns	<b>25</b>
	Number of Rows	<b>8</b>
	Number of Positions	<b>200</b>
	Rows Loaded	<b>A, B, C, D, E, F, H</b>
Signal Characteristics	Data Rate (Gb/s)	<b>≤1</b>
	Crosstalk Version	<b>Standard</b>
Contact Features	Contact Mating Area Plating Material	<b>Performance Based</b>
	CompactPCI Designation	<b>None</b>
	Contact Mating Area Length (mm)	<b>5.25</b>
	Feedthrough Post Length (mm)	<b>3.7</b>
	Contact Base Material	<b>Phosphor Bronze</b>
	Number of Signal Contacts	<b>200</b>
	Contact Configuration	<b>ACTION PIN, Signal</b>
	Grounding Contact	<b>Without</b>
	Contact Type	<b>Pin</b>
Termination Features	Termination End Plating Material	<b>Tin over Nickel</b>
	Interface Type	<b>2mm HM</b>
Mechanical Attachment	Front Mating Level	<b>Level 1</b>
	Mating Alignment Type	<b>Multi-Purpose Center</b>
Housing Features	Centerline (mm)	<b>2</b>
	Housing Color	<b>Gray</b>
	Housing Material	<b>Polyester - GF</b>
Dimensions	Module Length (mm)	<b>50</b>
Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
Product Features	Product Material	<b>...</b>

Packaging Features

Packaging Method

Tube

Packaging Quantity



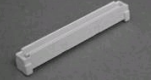

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Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

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Products - 2 Results

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Relation Type ▼

RELATIONSHIP

### Mating Products

Used to identify Mating Parts

[See All Mating Products](#)


<p><b>PRODUCT - MATING PRODUCTS</b></p> 	<p>Connectors - Hard Metric Connectors Z-PACK   Z-PACK 2mm HM</p> <p><b>2MM H.M. 8 ROW E VERT. RECEPT.</b> <b>- 5646539-1</b> TE INTERNAL NUMBER: 5646539-1</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Data Rate <math>\leq 1</math> Gb/s</p> <p>Number of Columns <b>25</b></p> <p>Number of Rows <b>8</b></p> <p>Centerline <b>2 mm</b></p> <p>Number of Positions <b>200</b></p>
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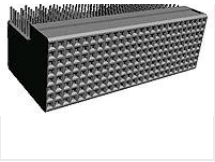
RELATIONSHIP

### Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

<p><b>PRODUCT - MATING PRODUCTS</b></p> 	<p>Connectors - Hard Metric Connectors Z-PACK   Z-PACK 2mm HM</p>	<p>Always EU RoHS/ELV Compliant</p>
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Z-FACR 1Z-FACR 20000 0101

## 2MM HM, ASY, T-E, REC, TWIST TULIP - 5646445-1

TE INTERNAL NUMBER: 5646445-1

✓ Active

Data Rate  $\leq 1$  Gb/s

Number of Columns **25**

Number of Rows **8**

Centerline **2 mm**

Number of Positions **200**