



HARD METRIC BACKPLANE CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

8-ROW, TWST, TUL TYPE/D W/SHEILD

Z-PACK | Z-PACK 2mm HM

5646486-1

TE Internal Number: 5646486-1

Always EU RoHS/ELV Compliant

Data Rate (Gb/s) ≤ 1

Number of Columns **25**

Number of Rows **8**

Centerline (mm) **2**

Number of Positions **176**

Product Drawings

R/A RECEPTACLE ASSY, 176 POSN Z-PACK 2mm HM, TYPE D W/GROUND RETURN SHIELD

PDF
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

Product Environmental Compliance

TE Material Declaration

MD_5646486-1_10222013157_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	Yes
	Connector Style	Receptacle
	Connector Type	Connector Assembly
	Applies To	Printed Circuit Board
Configuration Features	Number of Columns	25
	Number of Rows	8
	Number of Positions	176
	Rows Loaded	A, B, C, D, E, F, G, H
Signal Characteristics	Data Rate (Gb/s)	≤1
	Crosstalk Version	Standard
Body Features	Shield Type	Ground Return Shielding
	Shield Style	Upper
	Shield Plating Material	Nickel
	Shield Material	Phosphor Bronze
Contact Features	Contact Mating Area Plating Material	Performance Based
	Contact Style	Press-Fit
	Feedthrough Post Length (mm)	3.3
	Contact Base Material	Phosphor Bronze
	Number of Signal Contacts	176
	Contact Configuration	ACTION PIN, Signal
	Grounding Contact	With
	Contact Type	Socket
Termination Features	Termination End Plating Material	Tin over Nickel
	Interface Type	2mm HM
Mechanical Attachment	Mating Alignment Type	Multi-Purpose Center
Housing Features	Centerline (mm)	2
	Housing Color	Gray
	Housing Material	Polyester - GF

Dimensions	Module Length (mm)	48
Industry Standards	UL Flammability Rating	UL 94V-0
Packaging Features	Packaging Method	Tube
	Packaging Quantity	10

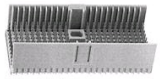
Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

RECTANGULAR BOOTS & STRAIN RELIEF

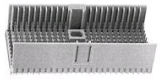


04P UMNL STR/REL
641776-2

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HARD METRIC BACKPLANE CONNECTORS




2MM HM ASY, T-D HDR,
10R, 220, AP
5646356-1

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WIRE-TO-BOARD CONNECTOR HOUSINGS




03P SL156 HSG W/LCK
RMP & TABS
770849-3

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RECP ASSY



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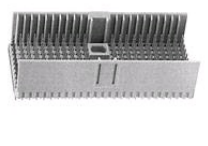
Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

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

**2MM HM ASY, T-D HDR,
10R, 220, AP - 5646356-1**

TE INTERNAL NUMBER: 5646356-1

✓ Active

Always EU RoHS/ELV Compliant

Data Rate **≤1 Gb/s**

Number of Columns **25**

Number of Rows **8+2**

Centerline **2 mm**

Number of Positions **220**

