



CONNECTORS

HARD METRIC BACKPLANE CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

Z-PACK/A F-HDR.110P

Z-PACK | Z-PACK 2mm HM

100147-1

TE Internal Number: 100147-1

Alias ID: 1176827, 1248747, 1314514, 406901850

Not EU RoHS or ELV Compliant

[Find Compliant Alternatives](#)

Data Rate (Gb/s) **≤1**

Number of Columns **22**

Number of Rows **5**

Centerline (mm) **2**

Number of Positions **110**



Product Drawings

[Z-PACK 2mm HM TYPE A 110 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

Product Environmental Compliance

TE Material Declaration

[MD_100147-1_06232014946_dmtec](#)

PDF
English

Instruction Sheets

Instruction Sheet (non U.S.)

[INSERTION TOOL FOR Z-PACK 2mm HM CONN.](#)

TIF
Japanese

[INSERTION TOOL FOR Z-PACK 2mm HM CONN.](#)

PDF
Japanese

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 Columns	22
	Number of Rows	5
	Number of Positions	110
	Rows Loaded	A, B, C, D, E

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
	Contact Mating Area Length (mm)	3.7
	Feedthrough Post Length (mm)	3.3
	Contact Base Material	Phosphor Bronze
	Contact Configuration	ACTION PIN, Signal
	Grounding Contact	Without
	Contact Type	Socket

Termination Features	Termination End Plating Material	Tin-Lead over Nickel
	Interface Type	2mm HM

Mechanical Attachment	Mating Alignment Type	Multi-Purpose Center
-----------------------	-----------------------	-----------------------------

Housing Features	Centerline (mm)	2
	Housing Color	Gray
	Housing Material	PBT GF

Dimensions	Module Length (mm)	50
------------	--------------------	-----------

Industry Standards	UL Flammability Rating	UL 94V-0
	AdvancedTCA Specified Product	No

Packaging Features	Packaging Method	Tube
	Packaging Quantity	11

Product Compliance [Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

