

HARD METRIC BACKPLANE CONNECTORS



✓ Active

TE CONNECTIVITY (TE)

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

Z-PACK | Z-PACK 2mm HM

5646486-1

TE Internal Number: 5646486-1

EU RoHS Compliant EU ELV Compliant

Data Rate (Gb/s) ≤1

Number of Columns 25

Number of Rows 8

Number of Positions 176

Centerline (Pitch) (mm) 2



PRODUCT DRAWING

English



→ 3D PDF

DOCUMENTATION

Product Drawings

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

PDF

English

CAD Files

3D PDF

PDF

3D

Customer View Model

2D_DXF.ZIP

English

3D_IGS.ZIP **English Customer View Model** 3D_STP.ZIP **English Product Specifications Application Specification Z-PACK 2mm HM Interconnection System For Board-To-Board Connections PDF English Product Specification** Connector, Z-PACK, 8 Row, 2mm HM PDF **English** Product Environmental Compliance TE Material Declaration MD_5646486-1_10222013157_dmtec PDF **English FEATURES** 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 Connector & Contact Terminates To Printed Circuit Board Shielded Yes **Connector Style** Receptacle **Connector Type** Connector Assembly Configuration Features Rows Loaded A, B, C, D, E, F, G, H Number of Columns 25 Number of Rows 8 **Number of Positions 176 Number of Signal Contacts** 176 Signal Characteristics Data Rate (Gb/s) ≤1 Crosstalk Version Standard

Customer View Model

Body Features

Shield Style Upper Shield Type Ground Return Shielding Shield Material Phosphor Bronze Shield Plating Material Nickel	
Contact Features	
Contact Configuration ACTION PIN, Signal Grounding Contact With Contact Mating Area Plating Material Performance Based Feedthrough Post Length (mm) 3.3 Contact Base Material Phosphor Bronze Contact Style Press-Fit Contact Type Socket	
Termination Features	
Interface Type 2mm HM Termination End Plating Material Tin over Nickel	
Mechanical Attachment	
Mating Alignment Type Multi-Purpose Center	
Housing Features	
Centerline (Pitch) (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

Statement of Compliance

PDF