



+ CONNECTORS

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

Customer View Model

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

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