

Product
Environmental
Compliance

TE Material Declaration

[↓ ENG_PC_MD_5352132-1_MD_5352132-1_B_MD_5352132-1_06132013142_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 Connector Assembly Type : **PCB Mount Header**
Connector System : **Board-to-Board**
Sealable : **No**
Connector & Contact Terminates To : **Printed Circuit Board**
Backplane Interface Type : **2mm HM**

Configuration
Features

Number of Signal Positions : **110**
Mating & Unmating Configuration : **Make First / Break Last**
Number of Columns : **22**
Number of Rows : **5**
Backplane Architecture : **Mezzanine**
Number of Positions : **110**
PCB Mount Orientation : **Vertical**

Signal
Characteristics

Data Rate (Gb/s): **≤1**
Crosstalk Version : **Standard**

Contact Features

Contact Base Material : **Phosphor Bronze**
PCB Contact Termination Area Plating Material : **Tin**
Contact Underplating Material : **Nickel**
Contact Type : **Pin**
CompactPCI Designation : **None**
Contact Mating Area Plating Material : **Gold**
Contact Mating Area Plating Material Thickness :
1.27 µm [50 µin]
Contact Current Rating (Max) (A): **1.5**
Feedthrough Post Length (Rows A-E) (mm): **9.7**
Feedthrough Post Length (mm): **3.7**

Termination
Features

Termination Method to Printed Circuit Board :
Through Hole - Press-Fit

Mechanical
Attachment

Connector Mounting Type : **Board Mount**

Housing Features

Housing Material : **Polyester - GF**
Centerline (Pitch) : **2 mm [.078 in]**
Housing Color : **Gray**

Dimensions

Backplane Module Length (mm): **43.88**



Usage Conditions	Operating Temperature Range : -55 – 125 °C [-67 – 257 °F]
Operation/Application	Shielded : No Circuit Application : Power & Signal
Industry Standards	UL Flammability Rating : UL 94V-0 AdvancedTCA Specified Product : No
Packaging Features	Packaging Quantity : 11 Packaging Method : Tube
Statement of Compliance	Statement of Compliance pdf

Also in the Series | [Z-PACK 2mm HM](#)



Backplane Coding
Keys (60)



Backplane Connector
Housings (2)



Backplane Guide
Hardware (37)



Board-to-Board
Connector Contacts
(5)