





Product Environmental Compliance	<div>MD_5100161-1_022720191212_dmtec</div> <div> <a href="#">ENG_PC_MD_5100161-1_K(648616).xlsx</a></div> <div>English</div> <div>MD_5100161-1_022720191212_dmtec</div> <div> <a href="#">ENG_PC_MD_5100161-1_K(905619).xml</a></div> <div>English</div>
Please review product documents or <a href="#">contact us</a> for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.	
Product Type Features	PCB Connector Assembly Type : <b>PCB Mount Receptacle</b> Connector System : <b>Board-to-Board</b> Sealable : <b>No</b> Connector & Contact Terminates To : <b>Printed Circuit Board</b> Backplane Interface Type : <b>2mm HM</b>
Configuration Features	Rows Loaded : <b>A, B, C, D, E</b> Number of Columns : <b>11</b> Number of Rows : <b>5</b> Backplane Architecture : <b>Mezzanine</b> Number of Positions : <b>55</b> PCB Mount Orientation : <b>Right Angle</b>
Signal Characteristics	Data Rate (Gb/s): <b>≤1</b> Crosstalk Version : <b>Standard</b>
Contact Features	Contact Base Material : <b>Phosphor Bronze</b> PCB Contact Termination Area Plating Material : <b>Tin</b> Contact Underplating Material : <b>Nickel</b> Contact Type : <b>Socket</b> CompactPCI Designation : <b>None</b> Contact Mating Area Plating Material : <b>Performance Based</b> Contact Mating Area Plating Material Thickness : <b>.76 μm [ 30 μin ]</b> Contact Current Rating (Max) (A): <b>1.5</b> Feedthrough Post Length (mm): <b>3.7</b>
Termination Features	Termination Method to Printed Circuit Board : <b>Through Hole - Press-Fit</b>
Mechanical Attachment	Mating Alignment Type : <b>Guide Lugs</b> Connector Mounting Type : <b>Board Mount</b>
Housing Features	Housing Material : <b>PBT GF</b> Centerline (Pitch) : <b>2 mm [ .078 in ]</b> Housing Color : <b>Gray</b>
Dimensions	Backplane Module Length (mm): <b>25</b>

Usage Conditions	Operating Temperature Range : <b>-55 – 125 °C [-67 – 257 °F]</b>
Operation/Application	Shielded : <b>No</b> Circuit Application : <b>Power &amp; Signal</b>
Industry Standards	UL Flammability Rating : <b>UL 94V-0</b> AdvancedTCA Specified Product : <b>No</b>
Packaging Features	Packaging Quantity : <b>22</b> Packaging Method : <b>Tube</b>
Statement of Compliance	<a href="#">Statement of Compliance pdf</a>

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)