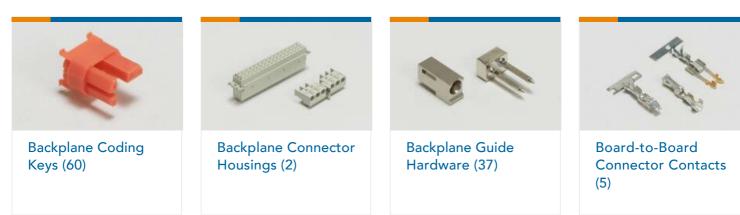
MD\_5100161-1\_022720191212\_dmtec Product Environmental LENG\_PC\_MD\_5100161-1\_K(648616).xlsx Compliance MD\_5100161-1\_022720191212\_dmtec **L** ENG\_PC\_MD\_5100161-1\_K(905619).xml English Please review product documents or contact us for the latest agency approval information. Please Note: Use the Product Drawing for all design activity. Product Type PCB Connector Assembly Type: PCB Mount Receptacle **Features** Connector System: Board-to-Board Sealable: No Connector & Contact Terminates To: Printed Circuit Board Backplane Interface Type: 2mm HM Configuration Rows Loaded: A, B, C, D, E Number of Columns: 11 **Features** Number of Rows: 5 Backplane Architecture: Mezzanine Number of Positions: 55 PCB Mount Orientation: Right Angle Data Rate (Gb/s): ≤1 Signal Crosstalk Version: Standard Characteristics **Contact Features** Contact Base Material: Phosphor Bronze PCB Contact Termination Area Plating Material: Tin Contact Underplating Material: Nickel Contact Type: Socket CompactPCI Designation: None Contact Mating Area Plating Material: Performance Based Contact Mating Area Plating Material Thickness: .76 µm [ 30 µin ] Contact Current Rating (Max) (A): 1.5 Feedthrough Post Length (mm): 3.7 Termination Method to Printed Circuit Board: Termination Features **Through Hole - Press-Fit** Mating Alignment Type: Guide Lugs Mechanical Connector Mounting Type: Board Mount Attachment Housing Material: PBT GF Housing Features Centerline (Pitch): 2 mm [.078 in] Housing Color: Gray **Dimensions** Backplane Module Length (mm): 25

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

## Also in the Series | Z-PACK 2mm HM



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