



# HARD METRIC BACKPLANE CONNECTORS



## TE CONNECTIVITY (TE) Z-PACK/C F-HDR 55P Z-PACK | Z-PACK 2mm HM

100161-4  
TE Internal Number: 100161-4

Not EU RoHS or ELV Compliant  
[Find Compliant Alternatives](#)

Data Rate (Gb/s) **≤1**

Number of Columns **11**

Number of Rows **5**

Centerline (mm) **2**

Number of Positions **55**

✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

### Product Drawings

#### Z-PACK 2MM HM TYPE C 55 POS. FEMALE CONNECTOR

PDF  
English

### CAD Files

#### Customer View Model

2D\_DXF.ZIP  
English

#### Customer View Model

3D\_IGS.ZIP  
English

#### Customer View Model

3D\_STP.ZIP  
English

#### 3D PDF

PDF  
English

### Product Specifications

#### Product Specification

#### Z-Pack 2 Mm HM CONNECTORS

PDF  
English

#### Application Specification

#### Z-PACK 2mm HM Interconnection System For Board-To-Board Connections

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 Mounting Orientation

**Right Angle**

Shielded

**No**

Connector Style

**Receptacle**

|                        |  |                              |
|------------------------|--|------------------------------|
|                        | Make First / Break Last                    | <b>No</b>                    |
|                        | Connector Type                             | <b>Connector Assembly</b>    |
|                        | Applies To                                 | <b>Printed Circuit Board</b> |
| Configuration Features | Number of Columns                          | <b>11</b>                    |
|                        | Number of Rows                             | <b>5</b>                     |
|                        | Number of Positions                        | <b>55</b>                    |
|                        | Rows Loaded                                | <b>A, B, C, D, E</b>         |
| Signal Characteristics | Data Rate (Gb/s)                           | <b>≤1</b>                    |
|                        | Crosstalk Version                          | <b>Standard</b>              |
| Contact Features       | Contact Mating Area Plating Material       | <b>Gold</b>                  |
|                        | Contact Mating Area Plating Thickness (µm) | <b>.76</b>                   |
|                        | Contact Style                              | <b>Short Tail</b>            |
|                        | CompactPCI Designation                     | <b>None</b>                  |
|                        | Contact Mating Area Length (mm)            | <b>3.7</b>                   |
|                        | Feedthrough Post Length (mm)               | <b>3.7</b>                   |
|                        | Contact Base Material                      | <b>Phosphor Bronze</b>       |
|                        | Contact Configuration                      | <b>ACTION PIN, Signal</b>    |
|                        | Grounding Contact                          | <b>Without</b>               |
|                        | Contact Type                               | <b>Socket</b>                |
| Termination Features   | Termination End Plating Material           | <b>Tin-Lead over Nickel</b>  |
|                        | Interface Type                             | <b>2mm HM</b>                |
| Mechanical Attachment  | Mating Alignment Type                      | <b>Guide Lugs</b>            |
| Housing Features       | Centerline (mm)                            | <b>2</b>                     |
|                        | Housing Color                              | <b>Gray</b>                  |
|                        | Housing Material                           | <b>Polyester - GF</b>        |
| Dimensions             | Module Length (mm)                         | <b>25</b>                    |
| Industry Standards     | UL Flammability Rating                     | <b>UL 94V-0</b>              |
|                        | AdvancedTCA Specified Product              | <b>No</b>                    |

Packaging Features

Packaging Method

**Tube**

Packaging Quantity

**22**

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Product Compliance

[Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)