



**CONNECTORS**

**HARD METRIC BACKPLANE CONNECTORS**



✓ Active

TE CONNECTIVITY (TE)

## Z-PACK/A M HDR.154P

Z-PACK | Z-PACK 2mm HM

5188578-1

TE Internal Number: 5188578-1

EU RoHS Compliant

EU ELV Compliant

Data Rate (Gb/s) ≤1

Number of Rows 5+2

Number of Positions 154

PCB Mounting Orientation Vertical

Housing Color Gray

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

### DOCUMENTATION

Product Drawings

#### **MALE ASSEMBLY, Z-PACK 2mm HM, TYPE A**

PDF (TIFF AVAILABLE)

**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

Application Specification

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

PDF

English

Product Specification

## Z-Pack 2 Mm HM CONNECTORS

PDF

English

---

Product Environmental Compliance

TE Material Declaration

## MD\_5188578-1\_03112014550\_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** Vertical

**Connector & Contact Terminates To** Printed Circuit Board

**Shielded** No

**Connector Style** Plug

**Connector Type** Connector Assembly

---

Configuration Features

**Rows Loaded** A, B, C, D, E, F, Z

**Number of Rows** 5+2

**Number of Positions** 154

**Number of Signal Contacts** 110

---

Signal Characteristics

**Data Rate (Gb/s)** ≤1

**Crosstalk Version** Standard

---

Contact Features

**Contact Configuration** Signal  
**Grounding Contact** Without  
**CompactPCI Designation** P4  
**Feedthrough Post Length (Rows A-E) (mm)** 14.5  
**Feedthrough Post Length (Rows F & Z) (mm)** 16  
**Contact Base Material** Phosphor Bronze

---

#### Termination Features

**Interface Type** 2mm HM  
**Termination End Plating Material** Tin over Nickel

---

#### Mechanical Attachment

**Front Mating Level** Level 1  
**Mating Alignment Type** Multi-Purpose Center

---

#### Housing Features

**Housing Color** Gray  
**Housing Material** Polyester - GF

---

#### Dimensions

**Module Length (mm)** 50

---

#### 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

---