2102248-1 ✔ ACTIVE

Fortis Zd

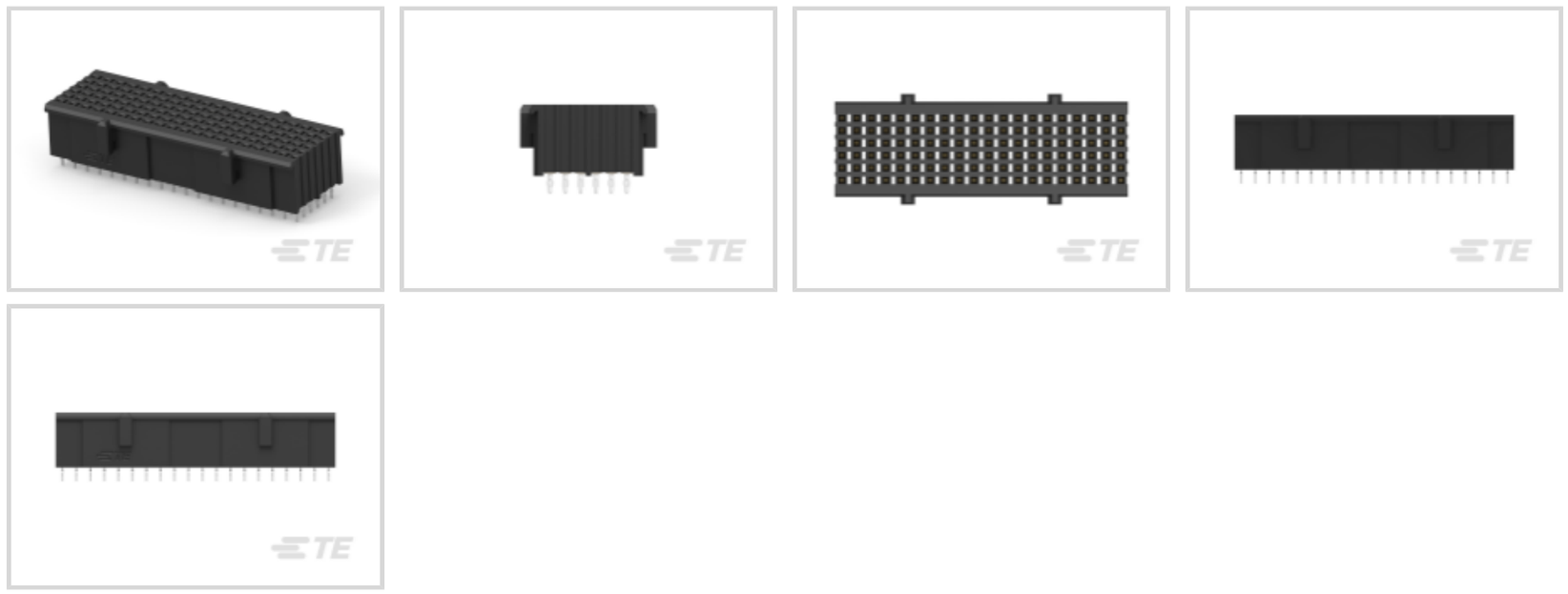
TE Internal #: 2102248-1

90 Position High Speed Backplane Connector, 9 Row, 10 Column, PCB Mount Receptacle, Vertical, Unshrouded, .08 mm [1.9 in] Centerline

View on TE.com >

Connectors > PCB Connectors > Backplane Connectors > High Speed Backplane Connectors >

Backplane Connector: PCB Mount Receptacle, 120 position



Number of Positions: **90**

Row-to-Row Spacing: **1.6 mm [.063 in]**

Mating Alignment: **Without**

Number of Rows: **9**

Number of Columns: **10**

All Backplane Connector: PCB Mount Receptacle, 120 position (31)

Features

Product Type Features

Signal Arrangement	Differential
Connector & Contact Terminates To	Printed Circuit Board
Connector System	Board-to-Board
PCB Connector Type	PCB Mount Receptacle
Shroud Style	Unshrouded

Configuration Features

Backplane Architecture	Traditional Backplane
Number of Positions	90
Number of Rows	9
Number of Columns	10
PCB Mount Orientation	Vertical
Guide Location	Center

Contact Features

Contact Current Rating (Max)	1.5 A

Mechanical Attachment

Mating Alignment	Without
Connector Mounting Type	Panel Mount

Housing Features

Number of Shrouded Sides	0
Centerline (Pitch)	.08 mm[1.9 in]

Dimensions

Row-to-Row Spacing	1.6 mm[.063 in]

Usage Conditions

Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]

Operation/Application

Circuit Application	Signal

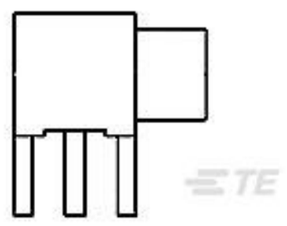
Product Compliance

For compliance documentation, visit the product page on TE.com>

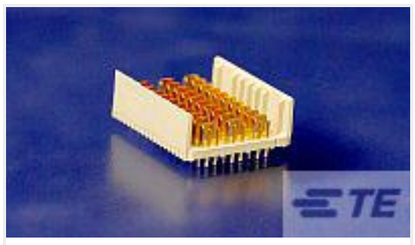
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

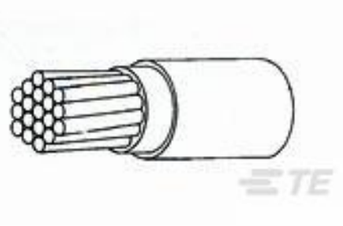
Customers Also Bought



TE Part #1061023-1
5864 5001 10,OSX RA PCB JACK



TE Part #6469083-1
HMZD 3PAIR, HDR ASSY, 25MM MOD



TE Part #282256-004
81044/12-22-9

Documents

Product Drawings

Fortis Zd 3PR EMI Assy BP Diff 93/7 SnPb

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2102248-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2102248-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2102248-1_A.3d_stp.zip

English

Datasheets & Catalog Pages

Fortis Zd LRM

English

Product Specifications

Application Specification

English