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Backplane Connector: PCB Mount Receptacle, 120 position



Number of Positions: 180

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

Mating Alignment: Without

Number of Rows: 9

Number of Columns: 20

[All Backplane Connector: PCB Mount Receptacle, 120 position \(31\)](#)

Features

Product Type Features

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

Configuration Features

Backplane Architecture	Traditional Backplane
Number of Positions	180
Number of Rows	9
Number of Columns	20
PCB Mount Orientation	Vertical
Guide Location	End

Contact Features

Contact Current Rating (Max)	1.5 A
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Mechanical Attachment

Mating Alignment	Without
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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 2024 (240) Candidate List Declared Against: JAN 2019 (197) SVHC > Threshold: Not Yet Reviewed
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

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the



product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Customers Also Bought

TE Part # 1658019-2
MSB0.80PL25ASY080FL,-,10,-TY

TE Part # 2102248-1
Fortis Zd 3PR EMI Assy BP Diff 93/7
SnPb

TE Part # 2102436-1
FORTIS LRM, RIGHT ANGLE HEADER
DIFF PAIR

TE Part # CTJ920E12N-513
RECP ASSY

TE Part # 4-1879256-3
RP 2B 158R 0.1% 15PPM CUT LENGTH

TE Part # 2102320-2
Fortis Zd 3PR EMI Assy RA SE 93/7
SnPb

TE Part # YDTS26F21-41SCC001
PLUG ASSY

TE Part # YDTS26F25-24SBC001
PLUG ASSY

TE Part # YDTS26W17-26SCC001
PLUG ASSY

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_2102248-2_A.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_2102248-2_A.3d_igs.zip
English



Customer View Model

[ENG_CVM_CVM_2102248-2_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Fortis Zd LRM](#)

English

[Fortis Zd Connector Brochure](#)

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Product Specifications

[Application Specification](#)

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