



MULTIGIG RT

TE Internal #: 1410278-2
2 Position Backplane Power Connector, PCB Mount Receptacle,
Board-to-Board, Vertical, Orthogonal, 3.6 mm [.141 in] Centerline,
Printed Circuit Board

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Connectors > Power Connectors > Backplane Power Connectors



Number of Positions: 2
PCB Connector Assembly Type: **PCB Mount Receptacle**
Connector System: **Board-to-Board**
PCB Mount Orientation: **Vertical**
Backplane Architecture: **Orthogonal**

Features

Industry Standards

UL Flammability Rating	UL 94V-0
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Dimensions

Product Width	15.25 mm
Product Length	29.59 mm
PCB Thickness (Recommended)	1.4 mm
Connector Height	16.25 mm
PCB Hole Diameter	.61 mm

Packaging Features

Packaging Method	Tube
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Mechanical Attachment

PCB Mount Retention Type	Action/Compliant Tail
Mating Alignment Type	Polarization
Mating Alignment	With
PCB Mount Retention	With



Connector Mounting Type	Board Mount
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Termination Features

Termination Post & Tail Length	3.5 mm
Termination Method to PCB	Through Hole - Press-Fit

Contact Features

PCB Contact Termination Area Plating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material	Gold
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
PCB Contact Termination Area Plating Material Finish	Matte
Contact Type	Socket
Contact Mating Area Plating Material Thickness	1.27 µm
Contact Length	13.7 mm
Contact Current Rating (Max)	20 A

Housing Features

Housing Color	Black
Housing Material	LCP (Liquid Crystal Polymer)
Centerline (Pitch)	3.6 mm[.141 in]

Configuration Features

Number of Columns	2
Number of Power Positions	2
Number of Signal Positions	0
Number of Rows	11
Number of Positions	2
PCB Mount Orientation	Vertical
Backplane Architecture	Orthogonal
Stackable	No

Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Electrical Characteristics



Operating Voltage	250 VDC
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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	Compliant
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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 applicable 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 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>

Compatible Parts





TE Part # 1410279-7
MULTIGIG RT PWR .8" R/A HDR 2P
PBFR



TE Part # 1410279-9
MULTIGIG RT PWR .8" R/A HDR 2P
PBFR



TE Part # 1-1410279-1
MULTIGIG RT PWR .8" R/A HDR 2P
PBFR



TE Part # 1-1410279-2
MULTIGIG RT PWR .8" R/A HDR 2P
PBFR



TE Part # 1-1410279-0
MULTIGIG RT PWR .8" R/A HDR 2P
PBFR



TE Part # 1410279-8
MULTIGIG RT PWR .8" R/A HDR 2P
PBFR

Customers Also Bought



TE Part #2-2330550-1
SOCKET P4 BOLSTER PLATE ASSY, W
/O COVER



TE Part #2327679-3
RECEPTACLE ASSY, 56 POS, VERT,
GEN Z



TE Part #1925217-9
TMN2N025PC2DM018S = M32139/03-
D05SNS



TE Part #YDTS24W15-35PNV001
RECP ASSY



TE Part #CAT-L59017-A76
LGA 3647 Sockets



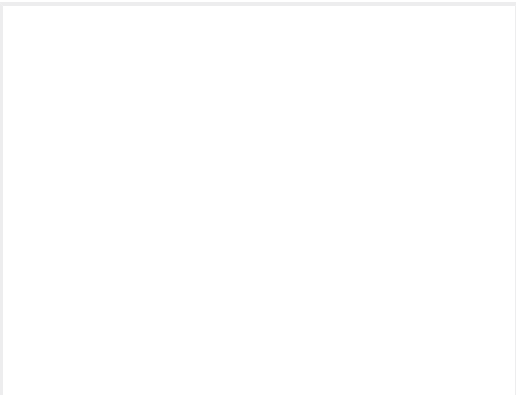
TE Part #1-2379397-5
MCIO INTERGRATED CONN, V/T,8X,
SMT TYPE



TE Part #2311776-1
AMPL PLUG, HD22, R/A, 26P,
THREADED



TE Part #2313238-1
VERTRECASSY,J0/J1A,MULTIGIG RT3



TE Part #1-5177985-5
0.8FH,R05H.5,120,15/Sn,TR,SC

Documents



Product Drawings

MULTIGIG RT PWR .8" VRT RCP 2P PBFR

English

CAD Files

Customer View Model

ENG_CVM_CVM_1410278-2_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1410278-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1410278-2_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

POWER_CONNECTORS_CATALOG_SEC01_BOARD_TO_BOARD

English

2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1

English

Product Specifications

Application Specification

English

Agency Approvals

UL

English