



BACKPLANE POWER CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

MULTIGIG RT PWR .8" R/A HDR 2P PBFR

MULTIGIG RT

1-1410279-1

TE Internal Number: 1-1410279-1

Always EU RoHS/ELV Compliant

Product Type **Header**

Number of Positions **2**

PCB Mounting Orientation **Right Angle**

Contact Current Rating **20**

Termination Method to PC Board **Through Hole - Press-Fit**

Product Drawings

[ASSEMBLY, POWER, RIGHT ANGLE HEADER, 2 CAVITY, 20.3mm MULTIGIG](#)

PDF
English

CAD Files

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

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English

Catalog Pages/Data Sheets

[POWER_CONNECTORS_CATALOG_SEC01_BOARD_TO_BOARD](#)

PDF
English

[2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1](#)

PDF
English

Product Specifications

Product Specification

[MULTIGIG RT Power Modules](#)

PDF
English

Engineering Report

[Current Rating Of MULTIGIG RT Power Modules](#)

PDF
English

Qualification Test Report

[MULTIGIG RT Power Modules](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_1-1410279-1_08262011232](#)

PDF

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	Product Type	Header
	Header Type	Shrouded
	Contact Type	Tab
Configuration Features	Number of Positions	2
	PCB Mounting Orientation	Right Angle
	Centerline (mm)	3.6
	Stackable	Yes
	Interface Type	2mm HM
	Card Slot Centerline	20.3 mm [.8 in]
	Number of Rows	1
	Number of Columns	2
Electrical Characteristics	Contact Current Rating	20
	Operating Voltage (VAC)	250
Contact Features	Contact Length (mm)	12.25
	Contact Termination Area Plating Material	Tin over Nickel
	Cavity 2 Blade Length	10.75 mm [.423 in]
	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness (µm)	1.27
	Cavity 1 Blade Length	12.25 mm [.482 in]
	Contact Base Material	Phosphor Bronze
	Contact Termination Area Plating Material Finish	Matte
	Contact Termination Area Plating Thickness (µm)	1.27 – 2.5
Termination Features	Termination Method to PC Board	Through Hole - Press-Fit
	Termination Post/Tail Length (mm)	3.5
Mechanical Attachment	Guide Hardware	Without
	PCB Mount Retention Type	Action/Compliant Tail

Mating Alignment	With
PCB Mount Retention	With
Mating Alignment Type	Polarization

Housing Features	Housing Color	Black
	Housing Material	LCP (Liquid Crystal Polymer)
	UL Flammability Rating	UL 94V-0

Dimensions	Width (mm)	10.6
	Length (mm)	33.38
	PCB Thickness (Recommended) (mm)	1.4
	PCB Hole Diameter (mm)	.61
	Stack Height (mm)	14.7
	Height (mm)	18.4

Operation/Application	Connector System	Board-to-Board
	Applies To	Printed Circuit Board
	Operating Temperature Range (°C)	-55 – 105

Packaging Features	Packaging Method	Tube
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Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

Products - 1 Results

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Relation Type 

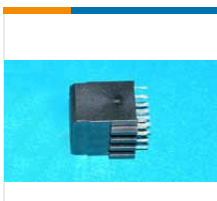
RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Backplane Power Connectors
MULTIGIG RT
MULTIGIG RT PWR .8"
VRT RCP 2P PBFR
- 1410278-2

Always EU RoHS/ELV Compliant

Product Type **Receptacle Assembly**

Number of Positions **2**

TE INTERNAL NUMBER: 1410278-2

✓ Active

PCB Mounting Orientation

Vertical

Contact Current Rating **20**

Termination Method to PC Board

Through Hole - Press-Fit