



## BACKPLANE POWER CONNECTORS



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↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

### MULTIGIG RT PWR .8" R/A HDR 4P PBFR

MULTIGIG RT

2-1410271-0

TE Internal Number: 2-1410271-0

Always EU RoHS/ELV Compliant

Product Type **Header**

Number of Positions **4**

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, 4 CAVITY, 20.3mm, MULTIGIG](#)

PDF  
English

#### CAD Files

[Customer View Model](#)

2D\_DXF.ZIP  
English

[3D PDF](#)

PDF  
3D

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
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

Application 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

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	4
	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	4
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, Tin-Lead
	Cavity 2 Blade Length	10.75 mm [ .423 in ]
	Contact Mating Area Plating Material	Gold
	Cavity 4 Blade Length	12.25 mm [ .482 in ]
	Cavity 3 Blade Length	10.75 mm [ .423 in ]
	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
Termination Features	Contact Termination Area Plating Thickness (µm)	1.27 – 2.5
Termination Features	Termination Method to PC Board	Through Hole - Press-Fit

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)	17.8
	Length (mm)	28.73
	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
Product Compliance	<a href="#">Statement of Compliance</a> PDF	
	<a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

Products - 1 Results



[View All](#)

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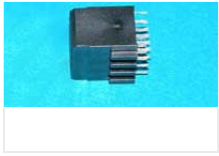
Relation Type 

RELATIONSHIP  
**Mating Products**  
Used to identify Mating Parts

[See All Mating Products](#)

	PRODUCT - MATING PRODUCTS	
	Connectors - Backplane Power Connectors MULTIGIG RT	

Always EU RoHS/ELV Compliant



# MULTIGIG RT PWR .8" VRT RCP 4P PBFR - 1410270-2

TE INTERNAL NUMBER: 1410270-2

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Product Type **Receptacle**

**Assembly**

Number of Positions **4**

PCB Mounting Orientation

**Vertical**

Contact Current Rating **20**

Termination Method to PC Board

**Through Hole - Press-Fit**