



Connectors > Power Connectors > Backplane Power Connectors



Number of Positions: 21

PCB Connector Type: PCB Mount Header

Connector System: Board-to-Board

PCB Mount Orientation: Right Angle

Backplane Architecture: Traditional Backplane

Features

Product Type Features

Connector & Housing Type	Plug
PCB Connector Type	PCB Mount Header
Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Power Positions	9
Number of Signal Positions	12
Number of Positions	21
PCB Mount Orientation	Right Angle
Backplane Architecture	Traditional Backplane
Stackable	No

Electrical Characteristics

Operating Voltage	270 VDC
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Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Gold



Contact Type	Tab
Contact Mating Area Plating Material Thickness	1.27 μm[50 μin]
Contact Current Rating (Max)	75 A

Termination Features

Termination Method to PCB	Through Hole - Press-Fit
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Mechanical Attachment

Mating Alignment Type	Keyed
Mating Alignment	With
PCB Mount Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Housing Color	Black
Housing Material	Thermoplastic

Dimensions

Product Width	69.47 mm[2.735 in]
Product Length	23.62 mm[.93 in]
PCB Thickness (Recommended)	2.36 mm[.093 in]
PCB Hole Diameter	.1 – 1.09 mm[.037 – .043 in]
Connector Height	14.58 mm[.574 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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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: JAN 2024
(240)
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

Product Compliance Disclaimer

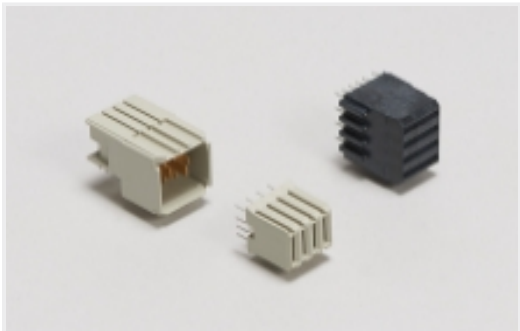
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 2332795-1
Multibeam, Vrt Assy, VITA 62.1, Press

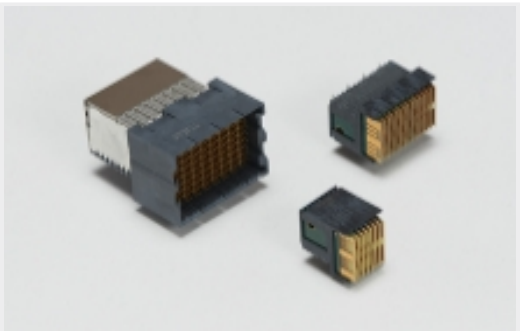
Also in the Series | MULTIGIG RT 3



Backplane Power Connectors(8)



Coax Connectors(6)

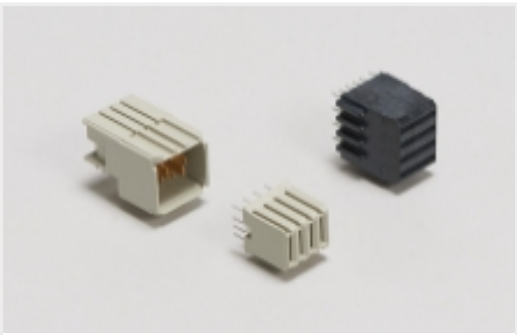


High Speed Backplane Connectors(10)



PCB RF Modules(1)

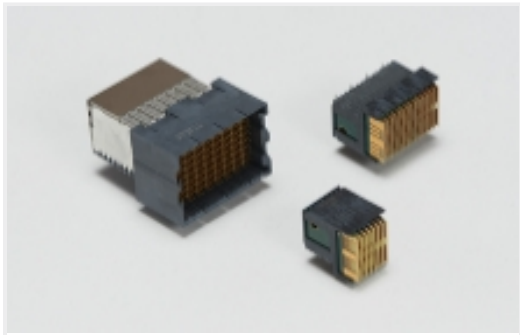
Also in the Series | MULTIGIG RT 2-S



Backplane Power Connectors(8)



Coax Connectors(6)



High Speed Backplane Connectors(10)



PCB RF Modules(1)

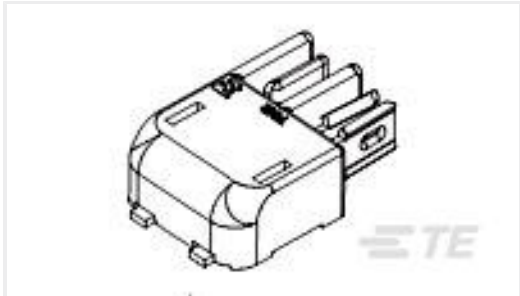
Customers Also Bought



TE Part #1410190-3
MULTIGIG RT T2 7RW DC SE CT RT2



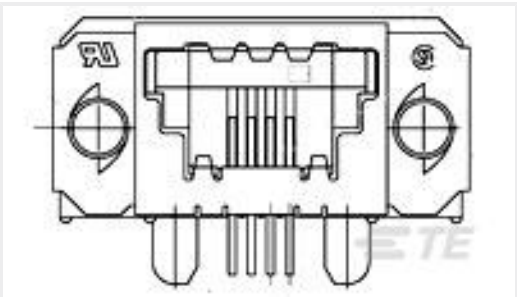
TE Part #2314577-1
R/A HEADER, MULTI-BEAM XLE, VITA 62



TE Part #2058703-2
Herm Blade& Recp Assy, 4 Pos,Latch



TE Part #2314578-2
R/A HEADER, MULTI-BEAM XLE, VITA 62



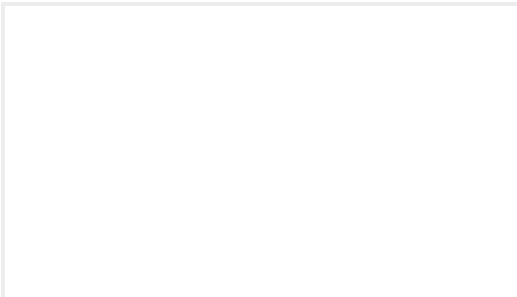
TE Part #5-1761185-1
4 SDL SE GRND RCPT ASSY



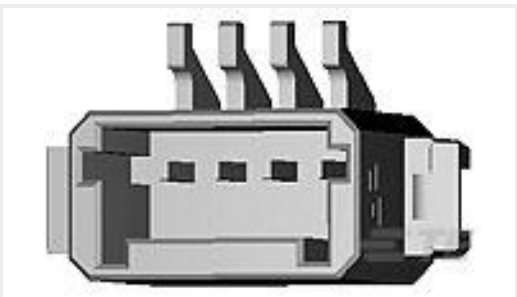
TE Part #5-535541-1
03 MODIV VRT SR CE 100/115



TE Part #6-535541-2
14 MODIV VRT SR CE 100/115



TE Part #5532901-3
ASSY,RECPT,R.A.,HDI,LEAD-FREE,



TE Part #2106091-3
4 pos Inverted Thru Board SMT Header



TE Part #1410946-1
MULTI-GIG SOC. CAP SCREW, CUSTOMIZED HDW

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2332793-1_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2332793-1_1.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_2332793-1_1.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SOSA Aligned Interconnect Solutions](#)

English