

2221810-1 ✓ ACTIVE

MULTIGIG RT | MULTIGIG RT 2-R

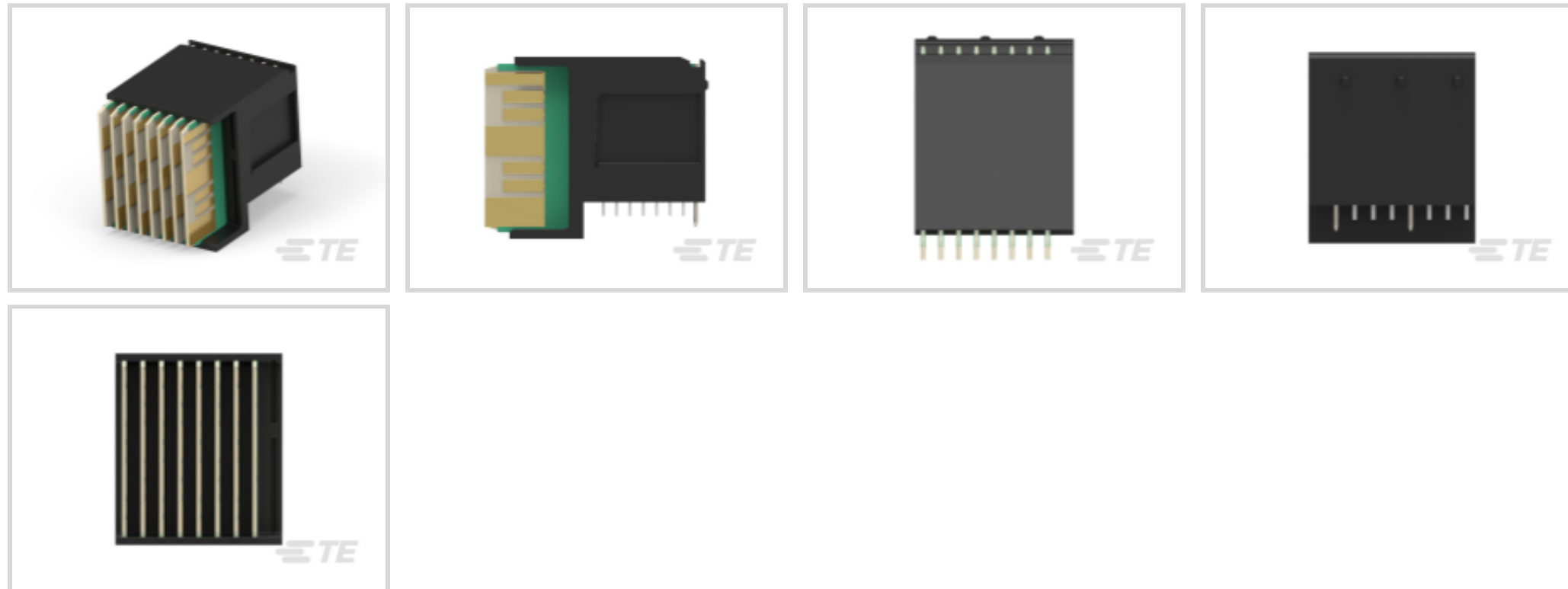
TE Internal #: 2221810-1

56 Position High Speed Backplane Connector, 7 Row, 8 Column,
PCB Mount Header, Right Angle, 1.8 mm Centerline, MULTIGIG RT
2-R

[View on TE.com >](#)



Connectors > PCB Connectors > Backplane Connectors > High Speed Backplane Connectors



Number of Positions: **56**

Row-to-Row Spacing: **1.8 mm**

Number of Rows: **7**

Number of Columns: **8**

PCB Connector Type: **PCB Mount Header**

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Compatible with PCB Type	Daughtercard
Connector System	Board-to-Board
PCB Connector Type	PCB Mount Header

Configuration Features

Backplane Architecture	Traditional Backplane
Number of Positions	56
Number of Rows	7
Number of Columns	8
PCB Mount Orientation	Right Angle

Body Features

Primary Product Color	Black
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Contact Features

PCB Contact Termination Area Plating Material Thickness	1.27 μ m[50 μ in]
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Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Mating Area Plating Material Thickness	1.27 μm [50 μin]
Contact Current Rating (Max)	1 A

Termination Features

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

Connector Mounting Type	Board Mount
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Housing Features

Housing Material	LCP GF
Centerline (Pitch)	1.8 mm

Dimensions

Row-to-Row Spacing	1.8 mm
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Usage Conditions

Operating Temperature Range	-55 – 125 $^{\circ}\text{C}$ [-67 – 257 $^{\circ}\text{F}$]
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Operation/Application

Circuit Application	Power, Signal & High Speed Data
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Packaging Features

Packaging Method	Tube
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (13% in Component Part) Article Safe Usage Statements:



Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.

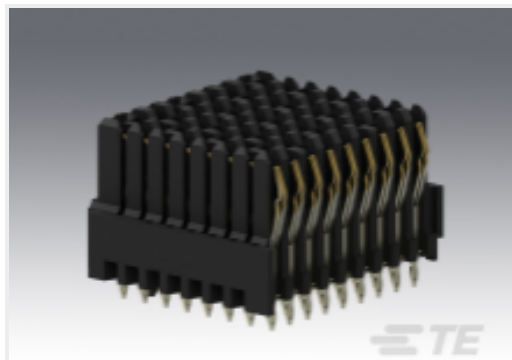
Solder Process Capability

Not reviewed for solder process capability

Product Compliance Disclaimer

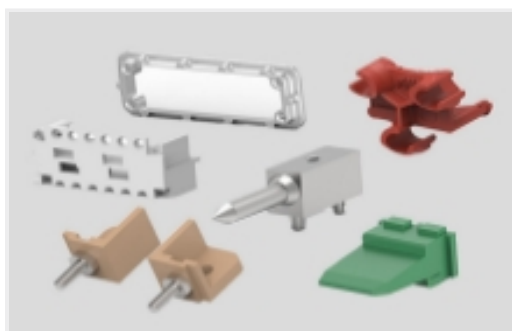
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

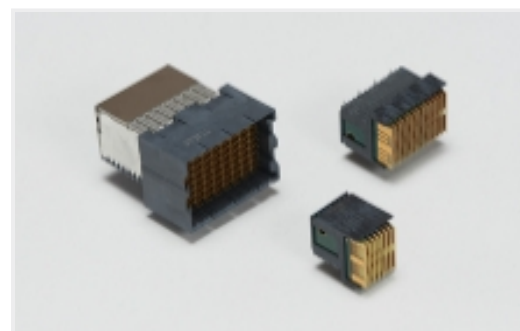


TE Part # 2102735-1
BP, Half Left End, MULTIGIG RT 2R

Also in the Series | MULTIGIG RT 2-R

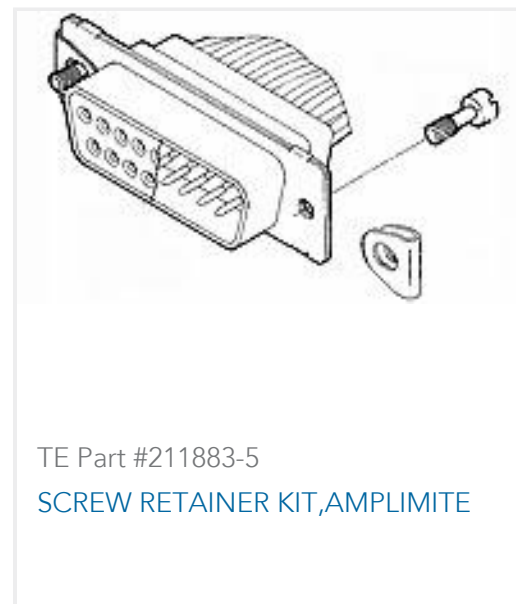


Connector Hardware(18)



High Speed Backplane Connectors(27)

Customers Also Bought



Documents

Product Drawings

[R/A PLUG ASSY 7 ROW MULTIGIG RT2, H-LEFT](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2221810-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2221810-1_A.3d_stp.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2221810-1_A.2d_dxf.zip](#)

English

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

Product Specifications

2221810-1

56 Position High Speed Backplane Connector, 7 Row, 8 Column, PCB Mount Header,
Right Angle, 1.8 mm Centerline, MULTIGIG RT 2-R



Product Specification

English