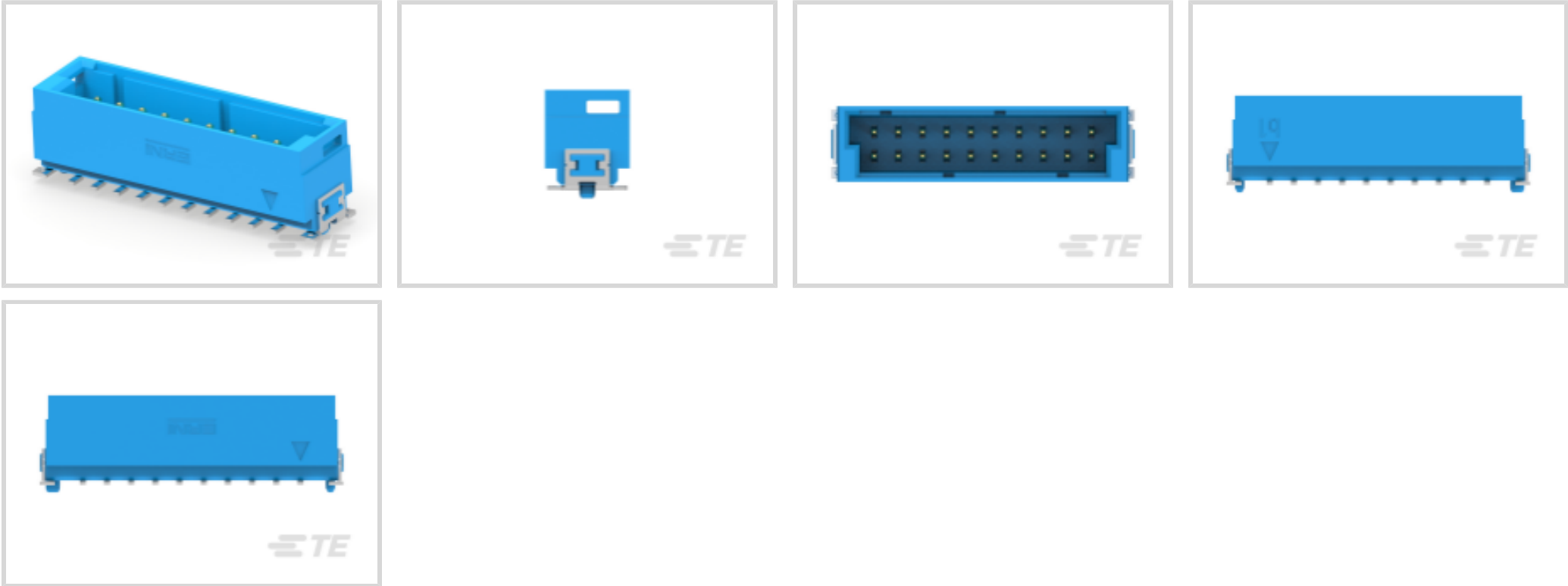




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

Connector System: **Wire-to-Board**

Number of Positions: **20**

Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

Mixed & Hybrid Header	No
Connector Shape	Rectangular
PCB Connector Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	20
Number of Rows	2

Body Features

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Primary Product Color	Blue
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Contact Features

Contact Shape & Form	Square
PCB Contact Termination Area Plating Material Thickness	4 – 6 µm[157.48 – 236.22 µin]
Contact Layout	Matrix
Contact Mating Area Length	4.1 mm[.161 in]
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Tab
Contact Current Rating (Max)	12 A
PCB Contact Termination Area Plating Material	Tin

Termination Features

Termination Method to PCB	Surface Mount
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Mechanical Attachment

Mating Alignment Type	Polarization
PCB Mount Alignment Type	Pegs
Mounting Alignment Feature Length	.75 mm[.029 in]
PCB Mount Alignment	With
PCB Mount Retention	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	Liquid Crystal Polymer (LCP)

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
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Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °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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Packaging Features

Packaging Quantity	320
Packaging Method	Package

Product Compliance

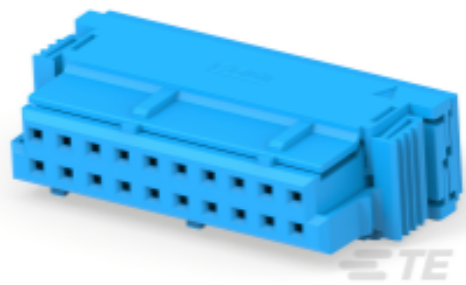
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: FEB 2026 (253) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Bromine/Chlorine - Br and Cl < 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



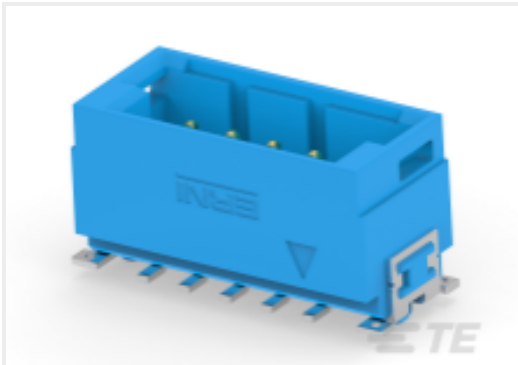
TE Part # 374336-E
DRCBUG B 2,54 20 * CSI 163 E012
ADV J 2



Customers Also Bought



TE Part #464686-E
DRCQ 2,54 20 M * SMD * 137 E012
094 GU-H



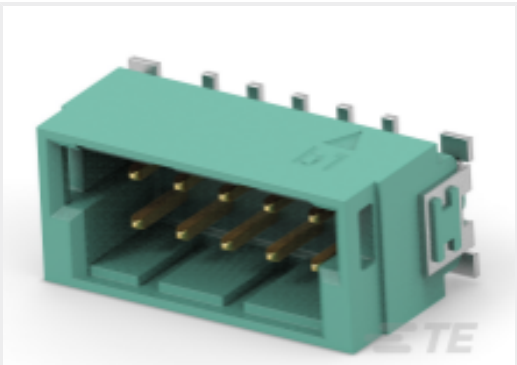
TE Part #474007-E
DRCQ 2,54 10 M * SMD * 137 E012
166 GU-H



TE Part #474006-E
DRCQ 2,54 10 M * SMD * 137 E012
094 GU-H



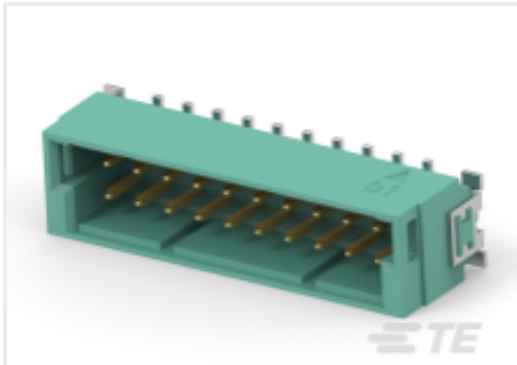
TE Part #K1151027
Relay-ECS 26-56-99-907



TE Part #474008-E
DRCQ 2,54 10 M * SMD * 137 E012
167 GU-H



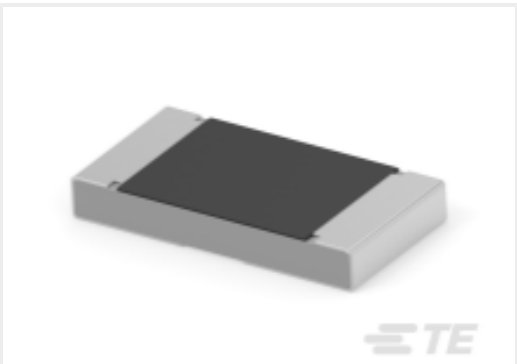
TE Part #464689-E
DRCQ 2,54 20 M * SMD * 137 E012
168 GU-H



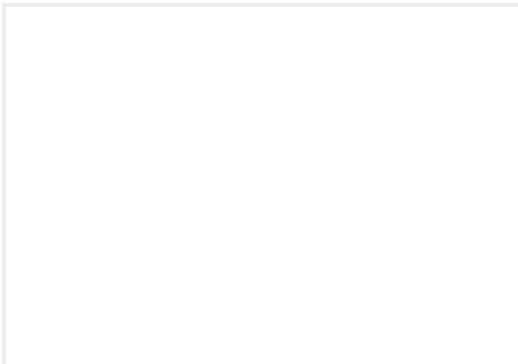
TE Part #464688-E
DRCQ 2,54 20 M * SMD * 137 E012
167 GU-H



TE Part #2-2176244-7
CRGS0805 5% 150R



TE Part #2176527-5
3503G 2B 604R 1% 5K RL



TE Part #474009-E
DRCQ 2,54 10 M * SMD * 137 E012
168 GU-H

Documents

Product Drawings

DRCQ 2,54 20 M * SMD * 137 E012 166 GU-H

English

CAD Files

Customer View Model

ENG_CVM_CVM_464687-E_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_464687-E_C.3d_igs.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_464687-E_C.3d_stp.zip

English

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



Datasheets & Catalog Pages
ERNI MicroCon 0.8 mm Connectors

German
ERNI MicroCon 0.8 mm Connectors
English

Product Specifications
MaxiBridge - Receptacle & Header
English