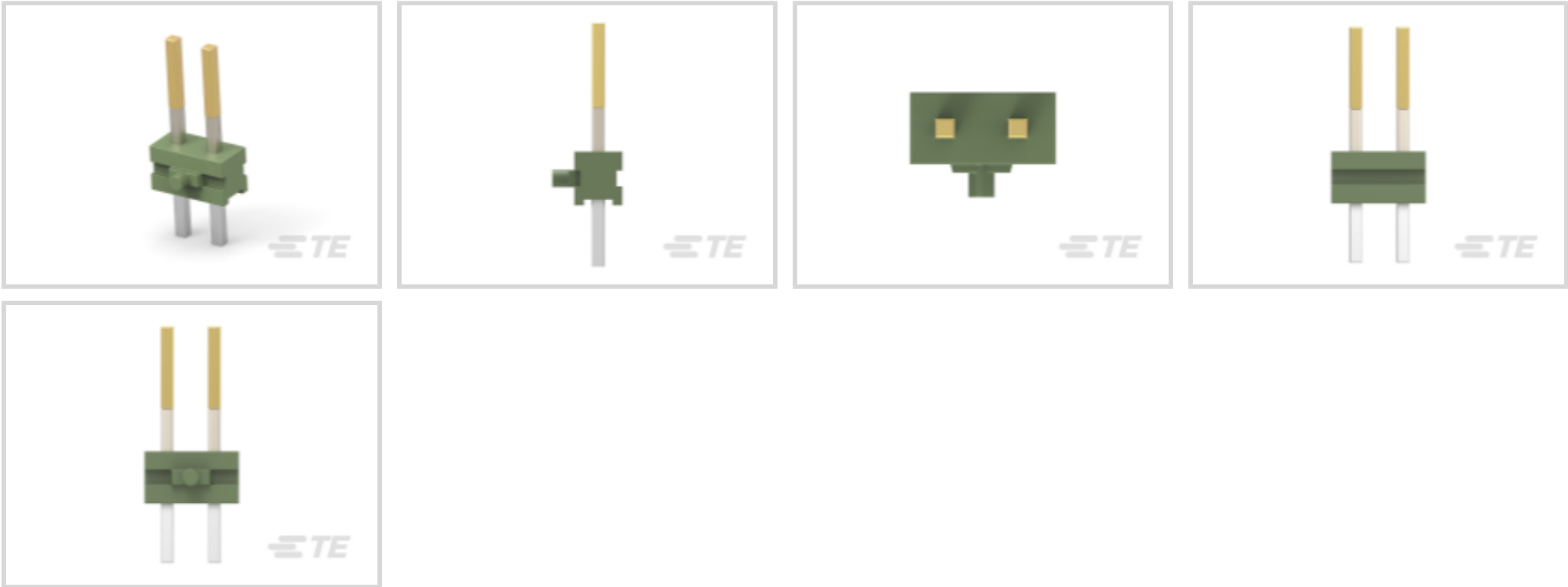




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **2**

Number of Rows: **1**

Features

Product Type Features

PCB Connector Type	PCB Mount Header
Connector System	Board-to-Board
Header Type	Breakaway
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Connector Contact Load Condition	Fully Loaded
Board-to-Board Configuration	Parallel
PCB Mount Orientation	Vertical
Number of Positions	2
Number of Rows	1

Electrical Characteristics

Insulation Resistance	5000 MΩ
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Dielectric Withstanding Voltage (Max)

750 Vrms

Body Features

Primary Product Color

Green

Contact Features

Contact Underplating Material

Nickel

Contact Underplating Material Thickness

1.27 µm[50 µin]

Contact Mating Area Plating Material Thickness

.76 µm[30 µin]

Mating Square Post Dimension

.64 mm[.025 in]

PCB Contact Termination Area Plating Material Thickness

2.5 µm[98.42 µin]

Contact Shape & Form

Square

Contact Layout

Inline

Contact Mating Area Length

6.7 mm[.264 in]

Contact Base Material

Copper Alloy

PCB Contact Termination Area Plating Material

Tin

Contact Mating Area Plating Material

Gold (Au), Gold Flash

Contact Type

Pin

Contact Current Rating (Max)

5 A

Termination Features

Termination Post & Tail Length

3.2 mm[.126 in]

Square Termination Post & Tail Dimension

.64 mm[.025 in]

Termination Method to PCB

Through Hole - Solder

Mechanical Attachment

PCB Mount Retention

Without

PCB Mount Alignment

Without

Connector Mounting Type

Board Mount

Mating Alignment

Without

Housing Features

Housing Material

PBT

Centerline (Pitch)

2.54 mm[.1 in]

Dimensions

PCB Thickness (Recommended)

1.57 mm[.062 in]

Usage Conditions



Housing Temperature Rating	Standard
Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
Compatible With Approved Standards Products	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	3000
Packaging Method	Box

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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

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 # 925369-2
MOD 4 REC.HSG 1X02P

Also in the Series | AMPMODU Headers

Automotive Headers(1)

Board-to-Board Headers & Receptacles(1576)

Connector Contacts(47)

Connector Hardware(1)

PCB Headers & Receptacles(1621)

Rectangular Power Connectors(43)

Wire-to-Board Connector Assemblies & Housings(5)

Wire-to-Board Headers & Receptacles (114)

Customers Also Bought

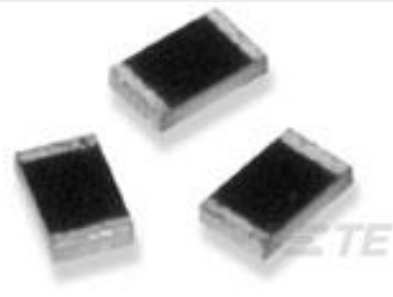
TE Part #1-825433-2
MOD 2 PINHDR 1X12P.

TE Part #354180-E
MSPEED 50 F SMD F10 B AB VV 137 094 * *

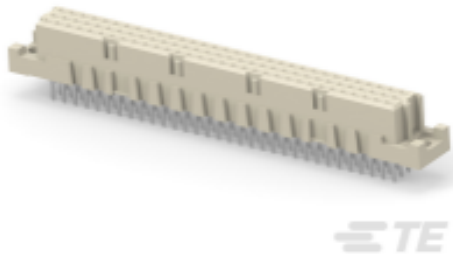
TE Part #5-2176412-1
5W XSM M/OX 5% 620R

TE Part #6-390113-1
SKT,SODIMM,144P,SDRAM3.3V,STD, T&R

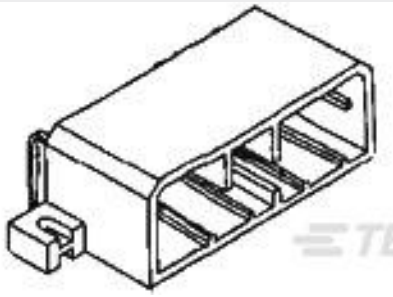




TE Part #8-1879744-6
RP 1J 392R 0.1% 15PPM CUT LENGTH



TE Part #254015-E
STVC 96 F ABC VVV 7-00 EE 5,5 * 137 E007



TE Part #174467-1
070 MULTILOCK 10P ASSY SGL ROW

TE Part #9-1372525-6
COUPLING



TE Part #1SNA126522R0100
BFU2.S12.BL

TE Part #9-1372525-4
BALL SCREW

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_825433-2_S.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_825433-2_S.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_825433-2_S.3d_stp.zip

English

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

Agency Approvals

UL Report

English