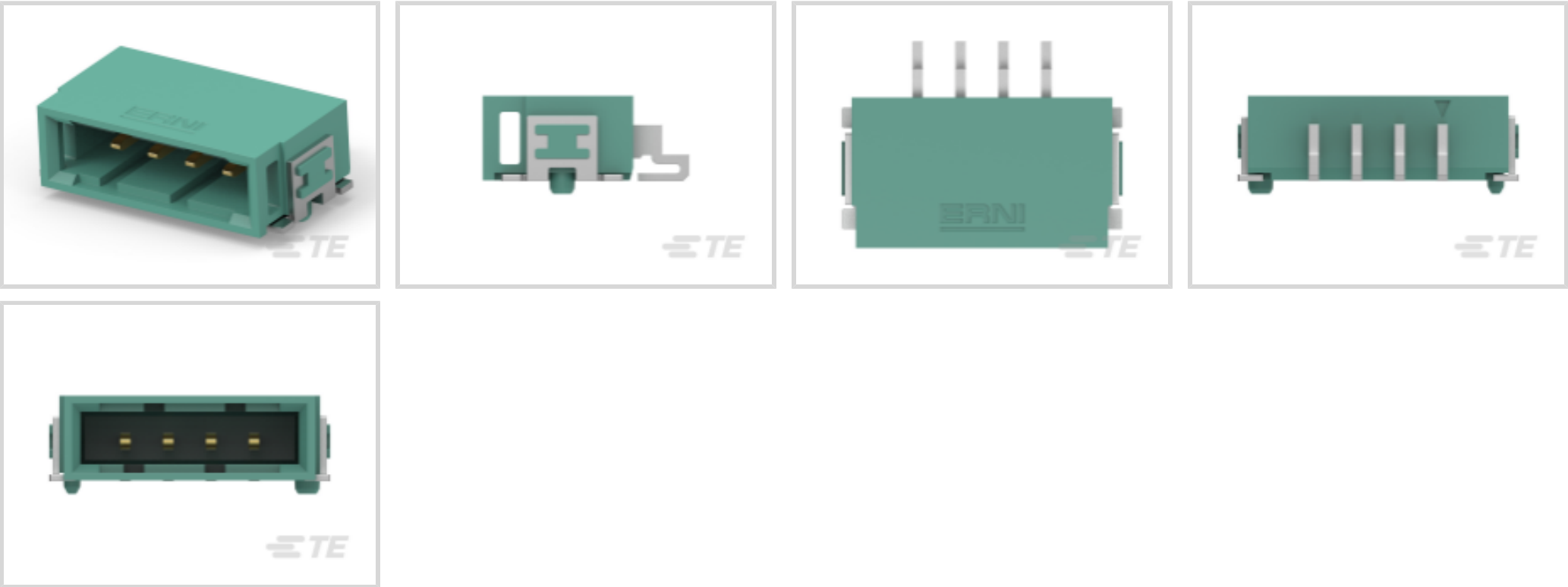




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **4**

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

Features

Product Type Features

Connector Shape	Rectangular
PCB Connector Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Fully Shrouded
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Number of Columns	4
Connector Contact Load Condition	Fully Loaded
Number of Loaded Positions	4
PCB Mount Orientation	Right Angle
Number of Positions	4
Number of Rows	1

Electrical Characteristics



Insulation Resistance	10000 MΩ
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Body Features

Primary Product Color	Green
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Contact Features

PCB Contact Termination Area Plating Material Thickness	4 – 6 μm[157.48 – 236.22 μin]
Contact Layout	Inline
Contact Mating Area Length	4.1 mm[.161 in]
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Pin
Contact Current Rating (Max)	15 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

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

Usage Conditions

Operating Temperature (Max)	150 °C[302 °F]
Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]

Operation/Application

Shielded	No
Circuit Application	Power & Signal



Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Tape & Reel
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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	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 # 284123-E
SRCA 2,54 8 M 1 SMD 137 E1 167 *
GURT *

TE Part # 494179-E
SRCA 2,54 2 M 1 SMD 137 E1 167 *
GURT 99

TE Part # 484209-E
SRCBUG A 2,54 2-WH 4 CSI 164 E1
ADV J 2

TE Part # 234834-E
SRCA 2,54 2 M 1 SMD 137 E1 167 *
GURT *

TE Part # 384455-E
SRCBUG A 2,54 2 4 CSI 164 E1 ADV J
2 324

TE Part # 254702-E
SRCA 2,54 6 M 1 SMD 137 E1 168 *
GURT *

Also in the Series | ERNI MaxiBridge

Board-to-Board Headers & Receptacles(7)

Connector Contacts(4)

Pluggable I/O Cable Assemblies(6)

Power Contacts(4)

Rectangular Power Connectors(45)

Customers Also Bought

TE Part #384471-E
SRCA 2,54 4 M 1 SMD 137 E1 094 *
GURT *

TE Part #225456-E
M12 MALE, A CODE, RA, 5P THR
REAR MOUNT

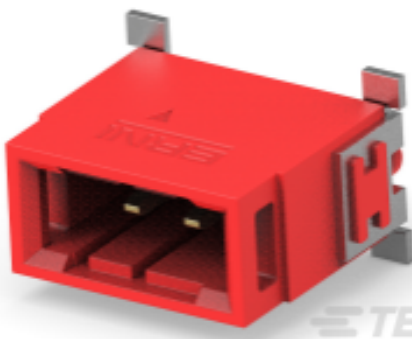
TE Part #294647-E
SRCP 2,54 2 M 1 SMD 137 E1 167 * GU-
H *

TE Part #234834-E
SRCA 2,54 2 M 1 SMD 137 E1 167 *
GURT *

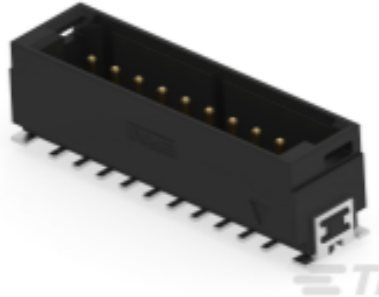




TE Part #474819-E
SRCP 1,27 10 M 1-KS SMD 137 E1 094
* GU-



TE Part #294648-E
SRCP 2,54 2 M 1 SMD 137 E1 168 * GU-
H *



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



TE Part #2-1445100-4
MICRO MNL HDR ASSY S/ROW LF
094 GU-H



TE Part #4-1470108-6
2.0mm Pitch Box Header,R/A,Dip 16p

TE Part #8-1534238-1
MESSERLEISTE 21P

Documents

Product Drawings

SRCA 2,54 4 M 1 SMD 137 E1 167 * GURT *

English

CAD Files

Customer View Model

ENG_CVM_CVM_384473-E_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_384473-E_1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_384473-E_1.2d_dxf.zip

English

3D PDF

3D

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

Datasheets & Catalog Pages

Datasheet - ERNI MixiBridge 2.54mm Connectors

English

Datasheet - ERNI MixiBridge 2.54mm Connectors

German

Product Specifications

MaxiBridge - Receptacle & Header

English

384473-E

PCB Mount Header, Right Angle, Wire-to-Board, 4 Position, 2.54 mm [.1 in]
Centerline, Fully Shrouded, Gold (Au), Surface Mount, ERNI MaxiBridge

