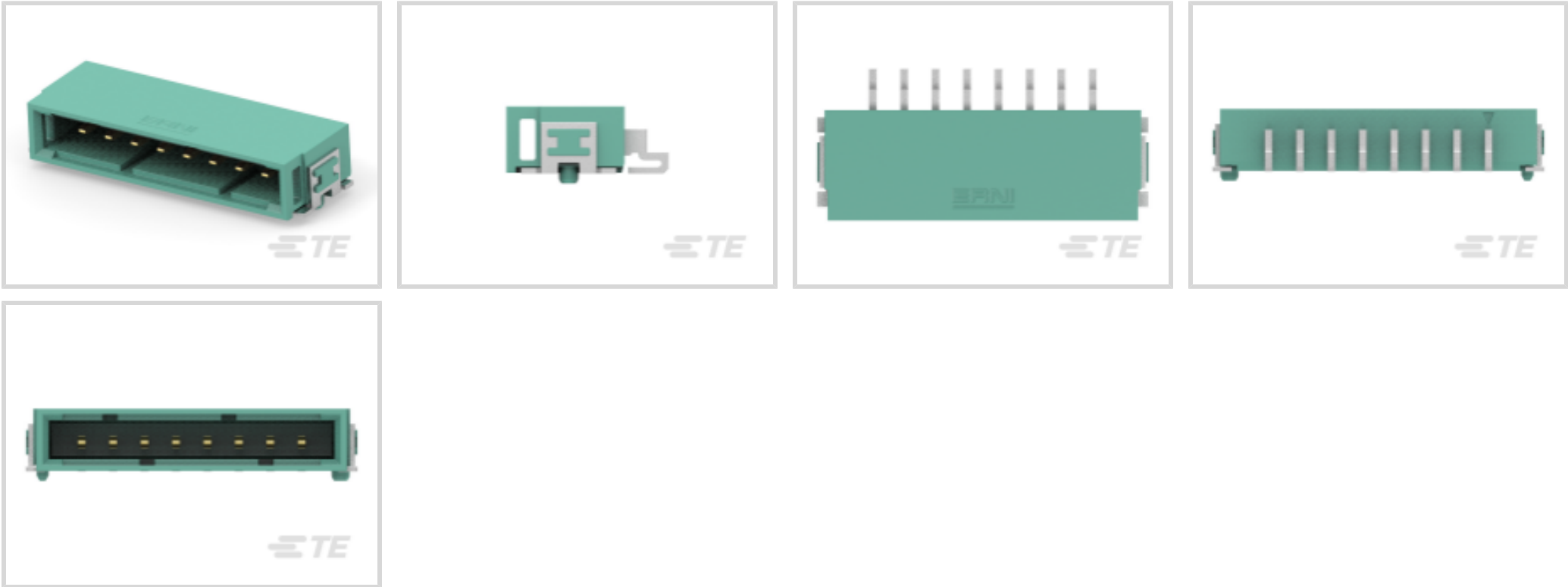




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

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

Number of Positions: **8**

Number of Rows: **1**

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

Features

Product Type Features

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

Configuration Features

Number of Columns	8
Connector Contact Load Condition	Fully Loaded
Number of Loaded Positions	8
Number of Positions	8
Number of Rows	1
PCB Mount Orientation	Right Angle

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)	13 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]
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	Without

Housing Features

Mating Entry Location	Side
Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
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

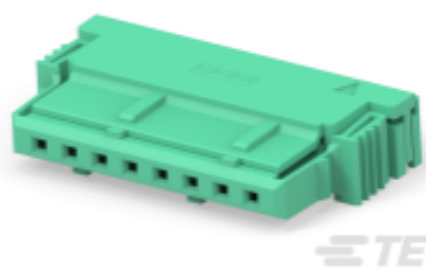
TE Part # 494179-E
SRCA 2,54 2 M 1 SMD 137 E1 167 *
GURT 99

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

TE Part # 384473-E
SRCA 2,54 4 M 1 SMD 137 E1 167 *
GURT *

TE Part # 364256-E
SRCBUG A 2,54 2 8 CSI 164 E1 ADV J
2 324





TE Part # 474276-E
SRCBUG A 2,54 2-WH 8 CSI 164 E1
ADV J 2



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

Also in the Series | ERNI MaxiBridge



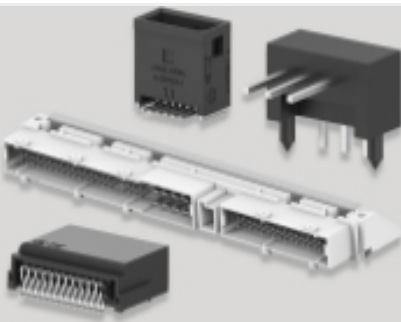
Connector Contacts(4)



Hand Crimping Tools(2)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(29)



Power Contacts(4)



Rectangular Power Connectors(50)



Wire-to-Board Headers & Receptacles
(6)

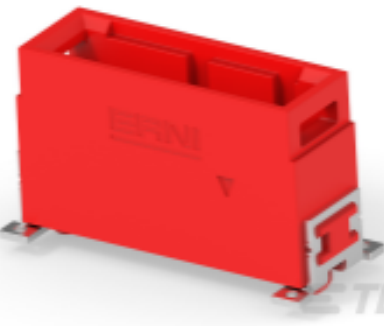
Customers Also Bought



TE Part #284121-E
SRCA 2,54 8 M 1 SMD 137 E1 094 *
GURT *



TE Part #474109-E
SRCA 1,27 3 M 1-KS SMD 137 E1 094 *
GURT



TE Part #384465-E
SRCP 2,54 4 M 1 SMD 137 E1 168 * GU-
H *



TE Part #234833-E
SRCA 2,54 2 M 1 SMD 137 E1 166 *
GURT *



TE Part #1719059-1
32POS MQS REC

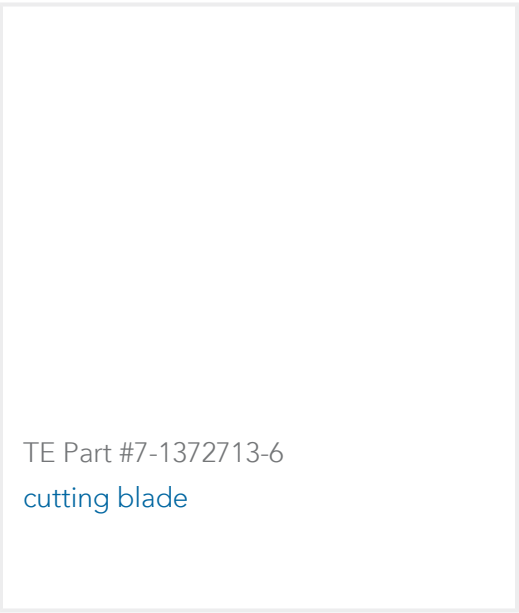


TE Part #515406-E
SRCA 2,54 2 M 1 SMD 137 E1 168 *
GURT 99

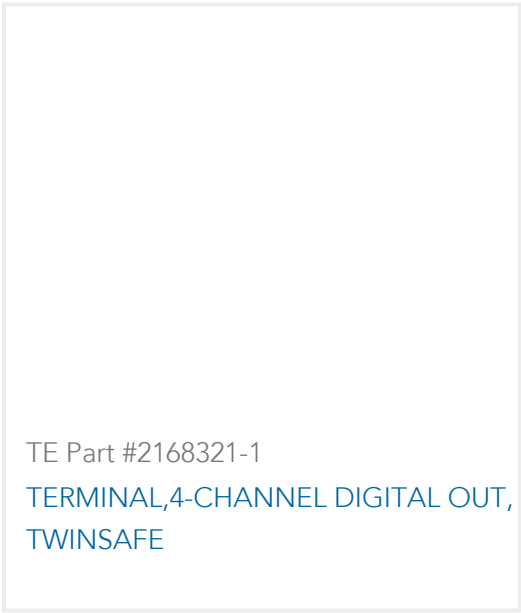


TE Part #374914-E
SRCP 2,54 8 M 1 SMD 137 E1 094 *
GURT *

TE Part #1-1372597-8
LEDGE



TE Part #7-1372713-6
cutting blade



TE Part #2168321-1
TERMINAL,4-CHANNEL DIGITAL OUT,
TWINSAFE

Documents

Product Drawings

SRCA 2,54 8 M 1 SMD 137 E1 167 * GURT *

English

CAD Files

Customer View Model

ENG_CVM_CVM_284123-E_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_284123-E_1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_284123-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