

294254-E ✓ ACTIVE

ERNI | ERNI MicroCon

TE Internal #: 294254-E

PCB Mount Receptacle, Right Angle, Board-to-Board, 26 Position, .

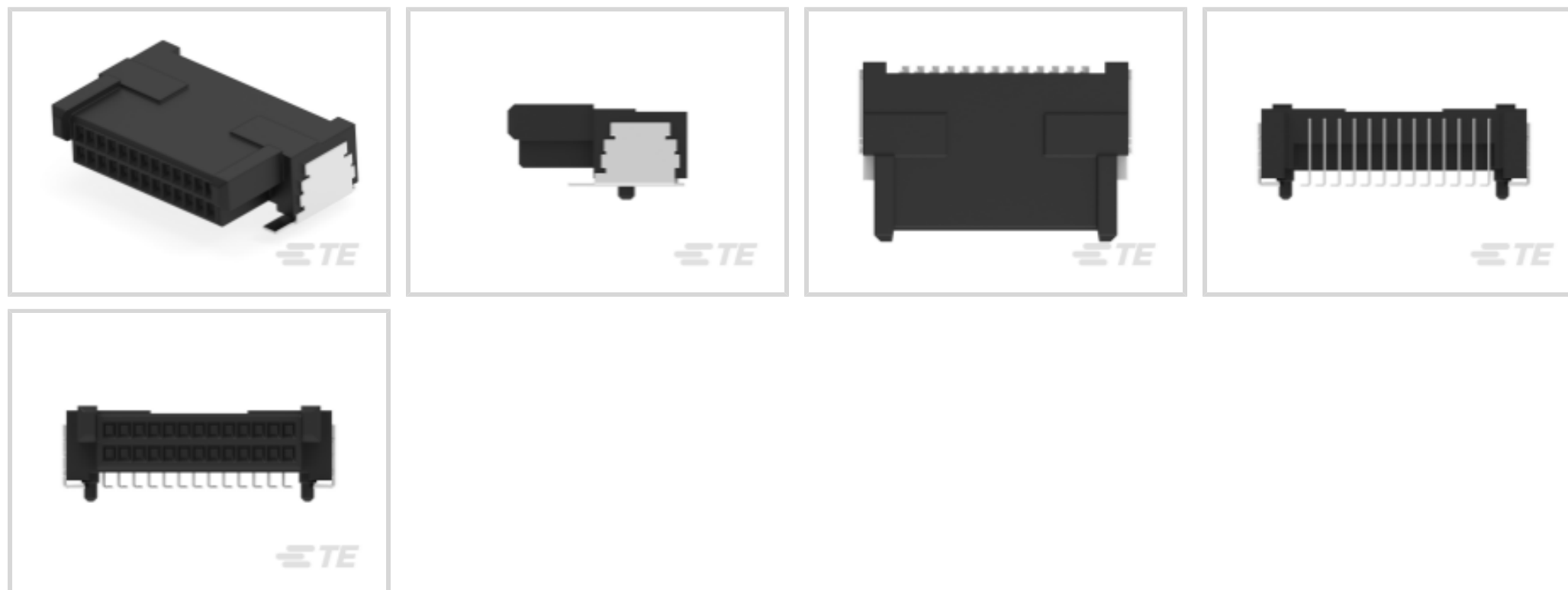
8 mm [.031 in] Centerline, Fully Shrouded, Gold (Au), Surface

Mount, ERNI MicroCon

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**

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

Number of Positions: **26**

Number of Rows: **2**

Centerline (Pitch): **.8 mm [.031 in]**

Features

Product Type Features

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

Configuration Features

Number of Columns	13
Number of Loaded Positions	26
Connector Contact Load Condition	Fully Loaded
Number of Positions	26
Number of Rows	2
PCB Mount Orientation	Right Angle
Board-to-Board Configuration	Co-Planar, Perpendicular

Electrical Characteristics



Insulation Resistance	100 MΩ
Contact Resistance	35 mΩ
Dielectric Withstanding Voltage (Max)	500 Vrms

Body Features

Primary Product Color	Black
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Contact Features

PCB Contact Termination Area Plating Material Thickness	4 – 6 μm[157.48 – 236.22 μin]
Contact Layout	Matrix
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Receptacle
Contact Current Rating (Max)	2.3 A
PCB Contact Termination Area Plating Material	Tin

Termination Features

Termination Method to PCB	Surface Mount
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Mechanical Attachment

Mounting Alignment Feature Length	.7 mm[.027 in]
Mating Retention	With
PCB Mount Alignment Type	Locating Posts
Mating Alignment Type	Blindmate, Polarization
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	With

Housing Features

Centerline (Pitch)	.8 mm[.031 in]
Housing Material	Liquid Crystal Polymer (LCP)

Dimensions

Connector Height	4.4 mm[.173 in]
Connector Length	14.6 mm[.575 in]
Row-to-Row Spacing	1.25 mm[.049 in]

Usage Conditions



Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Compatible With Agency/Standards Products	IEC, UL
UL Flammability Rating	UL 94V-0

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	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 2025 (250) 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

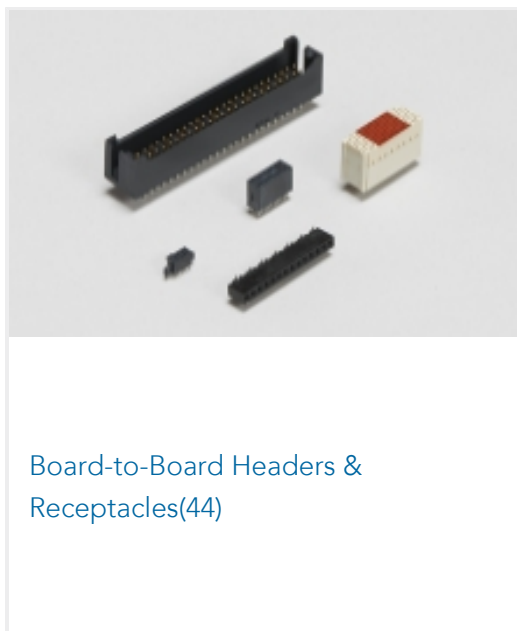
Product Compliance Disclaimer

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>

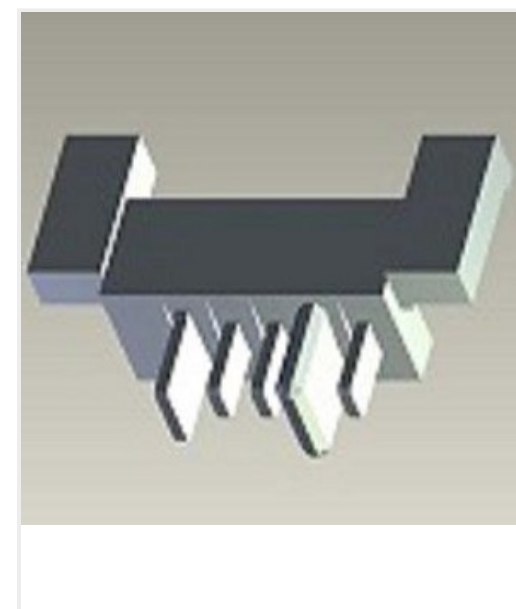
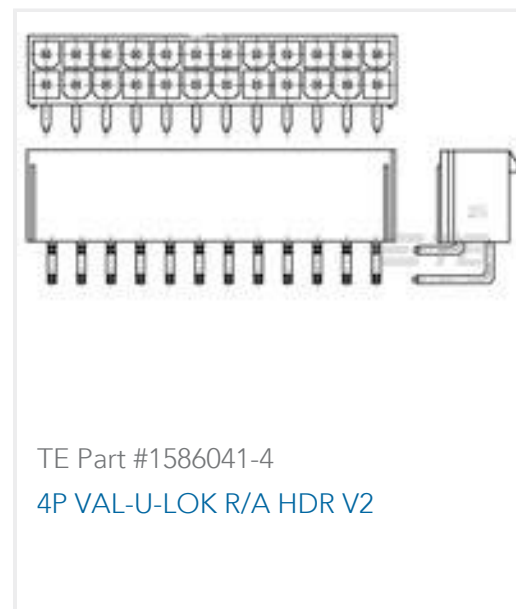
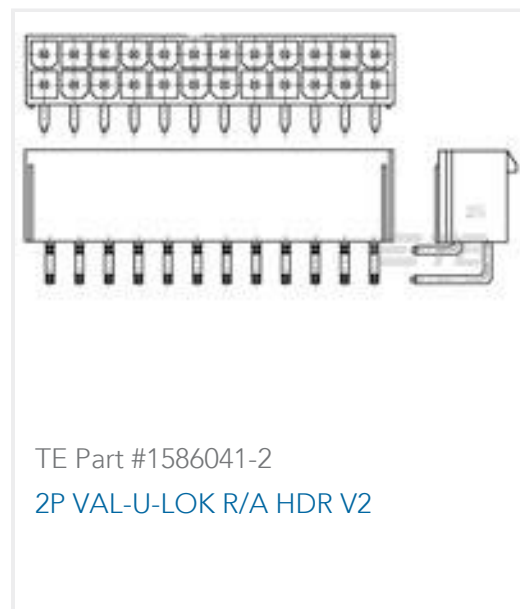
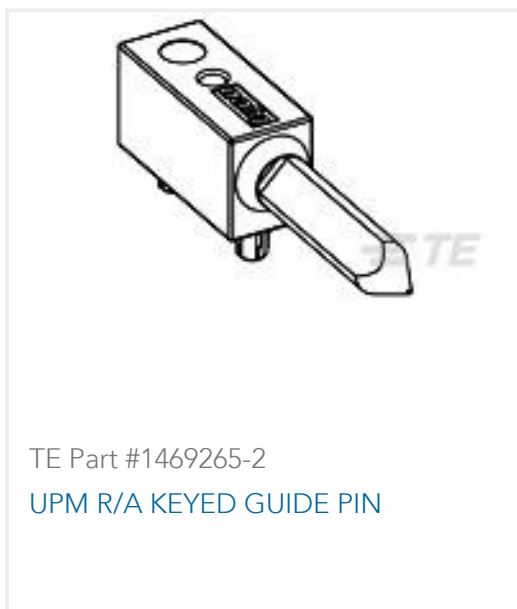
Compatible Parts



Also in the Series | ERNI MicroCon



Customers Also Bought





Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_294254-E_D.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_294254-E_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_294254-E_D.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 Connector](#)

English

[ERNI MicroCon 0.8 mm Connectors](#)

German

[ERNI MicroCon 0.8 mm Connectors](#)

English