

ERNI | ERNI MicroCon

TE Internal #: 294027-E

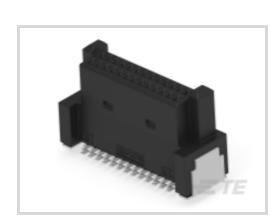
PCB Mount Receptacle, Vertical, Board-to-Board, 26 Position, .8 mm [.031 in] Centerline, Fully Shrouded, Gold (Au), Surface Mount,

ERNI MicroCon

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Connectors > PCB Connectors > PCB Headers & Receptacles











PCB Connector Assembly Type: PCB Mount Receptacle

PCB Mount Orientation: Vertical
Connector System: Board-to-Board

Number of Positions: 26
Number of Rows: 2

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Stacking Configuration	Stack Through
Number of Columns	13
Number of Loaded Positions	26
Stackable	Yes
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	26
Number of Rows	2



Board-to-Board Configuration	Orthogonal, Parallel
Electrical Characteristics	
Insulation Resistance	100 ΜΩ
Dielectric Withstanding Voltage (Max)	500 Vrms
Body Features	
Primary Product Color	Black
Contact Features	
PCB Contact Termination Area Plating Material Thickness	4 – 6 μm[157.48 – 236.22 μin]
Contact Layout	Matrix
Contact Shape & Form	Dual Beam
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Receptacle
Contact Current Rating (Max)	2.82 A
Termination Features	
Termination Method to Printed Circuit Board	Surface Mount
Mechanical Attachment	
Mounting Alignment Feature Length	.7 mm[.027 in]
PCB Mount Alignment Type	Locating Posts
Mating Alignment	With
Mating Alignment Type	Blindmate
PCB Mount Retention	Without
PCB Mount Alignment	With
Connector Mounting Type	Board Mount
Housing Features	
Mating Entry Location	Тор
Centerline (Pitch)	.8 mm[.031 in]
Housing Material	LCP
Dimensions	
Connector Length	14.6 mm[.575 in]
Connector Height	8.6 mm[.338 in]



Connector Width	4.7 mm[.185 in]
Row-to-Row Spacing	1.25 mm[.049 in]
Stack Height	8 mm
Usage Conditions	
Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
Operation/Application	
Circuit Application	Power & Signal
Industry Standards	
Agency/Standard	DIN, UL
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Reel Diameter	330 mm[12.99 in]
Packaging Quantity	420

Product Compliance

Packaging Type

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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

Tape & Reel

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-onreach

Compatible Parts







Also in the Series | ERNI MicroCon

176 GU-



Customers Also Bought

















Documents

Product Drawings



DRCB 0,80 26 F SMD F8 137 E009 094 GU-H

English

CAD Files

Customer View Model

ENG_CVM_CVM_294027-E_1.3d_igs.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_294027-E_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_294027-E_1.3d_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