

ERNI | ERNI MicroCon

TE Internal #: 294027-E

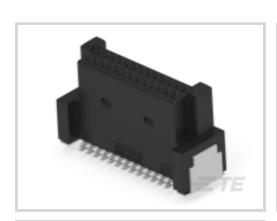
PCB Mount Receptacle, Vertical, Board-to-Board, 26 Position, .8 mm [.031 in] Centerline, Fully Shrouded, Gold (Au), Surface Mount,

ERNI MicroCon

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Connectors > PCB Connectors > PCB Headers & Receptacles











PCB Connector 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

Number of Loaded Positions

Connector Contact Load Condition

Board-to-Board Configuration

Stacking Configuration

PCB Mount Orientation

Stackable

PCB Connector Type	PCB Mount Receptacle
Connector System	Board-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly
Configuration Features	
Number of Columns	13

26

Yes

Vertical

Stack Through

Fully Loaded

Orthogonal, Parallel



Number of Positions	26
Number of Rows	2
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 Shape & Form	Dual Beam
Contact Layout	Matrix
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Receptacle
Contact Current Rating (Max)	2.82 A
Termination Features	
Termination Method to PCB	Surface Mount
Mechanical Attachment	
Mounting Alignment Feature Length	.7 mm[.027 in]
Mating Alignment Type	Blindmate
PCB Mount Alignment Type	Locating Posts
PCB Mount Retention	Without
PCB Mount Alignment	With
Connector Mounting Type	Board Mount
Mating Alignment	With
Housing Features	
Mating Entry Location	Тор
Housing Material	LCP
Centerline (Pitch)	.8 mm[.031 in]
Dimensions	
Row-to-Row Spacing	1.25 mm[.049 in]



Stack Height	8 mm
Connector Width	4.7 mm[.185 in]
Connector Height	8.6 mm[.338 in]
Connector Length	14.6 mm[.575 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
Industry Standards	
Compatible With Agency/Standards Products	DIN, UL
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Reel Diameter	330 mm[12.99 in]
Packaging Quantity	420

Product Compliance

Packaging Method

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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



DRCQ 0,80 26 M 2 SMD M1 137 E009 176 GU-



TE Part # 294148-E DRCQ 0,80 26 M 2 SMD M2 137 E009 176 GU-

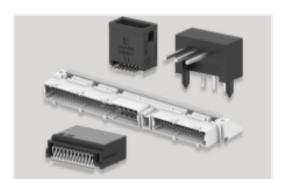


TE Part # 294285-E DRCB 0,80 26 M SMD * 137 E009 196 **GURT** *

Also in the Series | ERNI MicroCon



Board-to-Board Headers & Receptacles(44)



PCB Headers & Receptacles(44)



Rectangular Power Connectors(44)

Customers Also Bought



TE Part #354097-E SMCB 40 M AB VV 7-03 CL * 0007 137 E004



TE Part #254538-E SMCQ 32 M AB VV 8-03 CL * H007 137 E005



TE Part #374947-E M12 MALE, B CODE, 5P, 17MM SMT



ANALOG



TE Part #354081-E SMCQ 40 F AB VV 7-03 CL * 0007 137 E002







Documents



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

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Datasheets & Catalog Pages

ERNI MicroCon Connector

English

ERNI MicroCon 0.8 mm Connectors

German

ERNI MicroCon 0.8 mm Connectors

English