



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
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

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



PCB Mount Orientation	Vertical
Board-to-Board Configuration	Orthogonal, Parallel

Electrical Characteristics

Insulation Resistance	100 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 Shape & Form	Dual Beam
Contact Layout	Matrix
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Receptacle
Contact Current Rating (Max)	2.82 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]
PCB Mount Alignment Type	Locating Posts
Mating Alignment Type	Blindmate
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	Without

Housing Features

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

Dimensions

Connector Width	4.7 mm[.185 in]
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Connector Height	8.6 mm[.338 in]
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Connector Length	14.6 mm[.575 in]
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Row-to-Row Spacing	1.25 mm[.049 in]
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Stack Height	8 mm
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Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

Compatible With Agency/Standards Products	DIN, UL
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UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Reel Diameter	330 mm[12.99 in]
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Packaging Quantity	420
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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
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EU ELV Directive 2000/53/EC	Compliant
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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
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not reviewed for solder process capability
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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 # 294285-E
DRCB 0,80 26 M SMD * 137 E009 196
GURT*

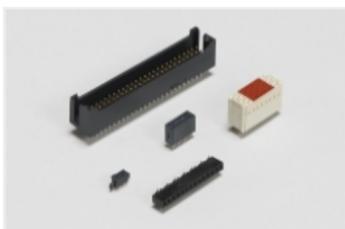


TE Part # 294148-E
DRCQ 0,80 26 M 2 SMD M2 137 E009
176 GU-

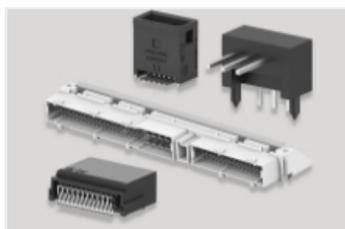


TE Part # 294136-E
DRCQ 0,80 26 M 2 SMD M1 137 E009
176 GU-

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



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



TE Part #G-MRCO-017
CO MS32 8L TDFN 2,5x2,5 SWITCH
ANALOG



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