

3-2204801-8 ✓ ACTIVE

ELCON Micro

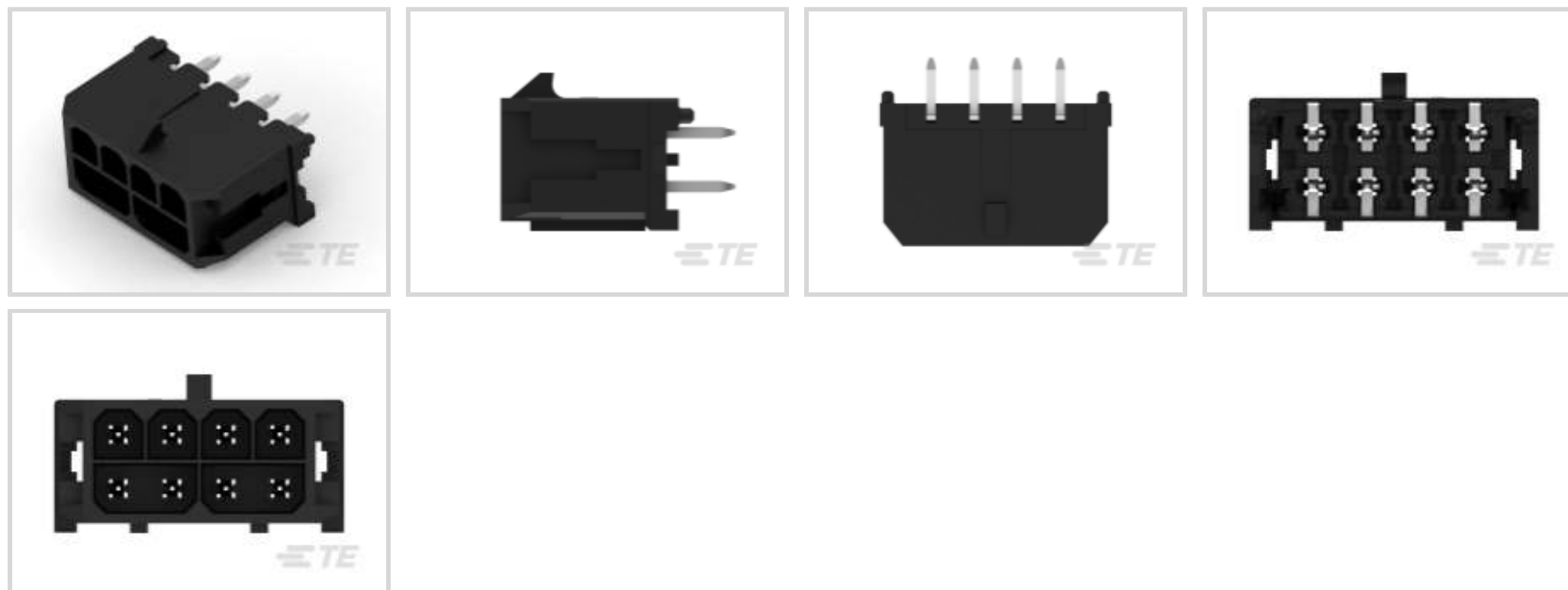
TE Internal #: 3-2204801-8

Rectangular Power Connectors, Connector Assembly, Plug, Cable-to-Board, 8 Position, 3 mm [.118 in] Centerline, Printed Circuit Board, ELCON Micro

[View on TE.com >](#)



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Connector Assembly**

Connector & Housing Type: **Plug**

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

Number of Positions: **8**

Centerline (Pitch): **3 mm [.118 in]**

### Features

#### Product Type Features

Rectangular Power Connector Type	Connector Assembly
Connector & Housing Type	Plug
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

#### Configuration Features

Mating & Unmating Configuration	Normal
Number of Positions	8
PCB Mount Orientation	Vertical
Number of Power Positions	8
Number of Signal Positions	0
Number of Rows	2

#### Electrical Characteristics

Operating Voltage	600 VDC
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#### Body Features



Wire Color (Base)	Black
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### Contact Features

Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	12.5 A
Contact Retention Within Housing	Without
Contact Type	Pin
Contact Mating Area Plating Material Thickness	2.54 $\mu\text{m}$ [100 $\mu\text{in}$ ]

### Mechanical Attachment

Connector Mounting Type	Board Mount
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### Housing Features

Centerline (Pitch)	3 mm [.118 in]
Housing Color	Black
Housing Material	LCP (Liquid Crystal Polymer)

### Dimensions

Row-to-Row Spacing	3 mm [.118 in]
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### Usage Conditions

Operating Temperature Range	-40 – 105 $^{\circ}\text{C}$ [-40 – 221 $^{\circ}\text{F}$ ]
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### Operation/Application

Circuit Application	Power
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### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Quantity	180
Packaging Method	Box

### 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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235)



Candidate List Declared Against: JAN 2023 (233)

Does not contain REACH SVHC

Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability Wave solder capable to 265°C

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 # 1-2204801-8  
ELCON MICRO,HEADER,VERTICAL DIP,4P



TE Part # 2204748-4  
ELCON MICRO,RECEPTACLE HOUSING,8P



TE Part # 2354120-1  
CA, ELCON Micro 2x4

### Also in the Series | ELCON Micro



Rectangular Power Connectors(3)

### Customers Also Bought



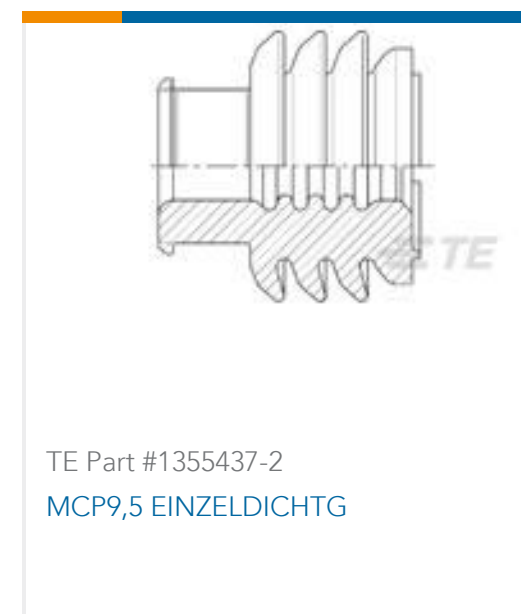
TE Part #HD36-24-19PN  
PLG, 19P, AL, N, 12/16, P



TE Part #4-1625971-7  
HSA25 3R3 5%



TE Part #6368150-3  
MJ,TE,8P,CAT5,SHIELDED



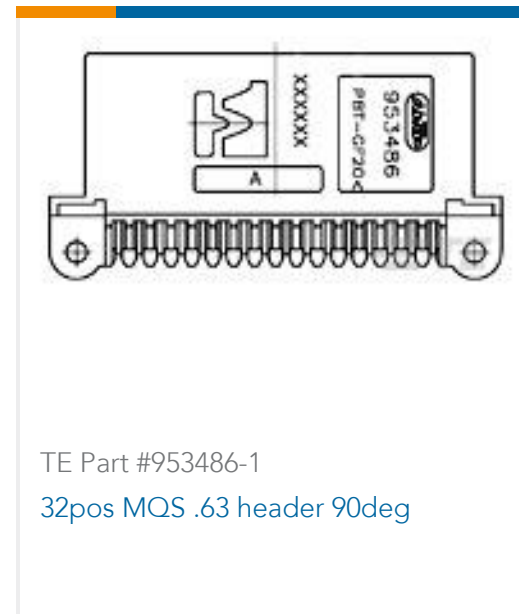
TE Part #1355437-2  
MCP9,5 EINZELDICHTG



TE Part #1-2204801-8  
ELCON MICRO,HEADER,VERTICAL  
DIP,4P



TE Part #963774-1  
TAB 9.5x1.2 CONTACT CS SWS Sn



TE Part #953486-1  
32pos MQS .63 header 90deg



TE Part #2354120-1  
CA, ELCON Micro 2x4



TE Part #3-2112231-3  
46POS,AMP MCP1.5K,REC HSG,ASSY



TE Part #3-2331102-1  
TAB HEADER 46POS.

## Documents

### Product Drawings

[ELCON MICRO,HEADER,VERTICAL DIP,8P](#)

English

### CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_3-2204801-8\\_A.2d\\_dxf.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_3-2204801-8\\_A.3d\\_igs.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_3-2204801-8\\_A.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages



[1-1773956-3-ELCON-Micro-CN](#)

[ELCON Micro Power Connectors \(EN\)](#)

English

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[Product Specifications](#)

[Application Specification](#)

English

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[Product Environmental Compliance](#)

[MD\\_3-2204801-8\\_02062018732\\_dmtec](#)

English

[MD\\_3-2204801-8\\_02062018732\\_dmtec](#)

English

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[Agency Approvals](#)

[UL Report](#)

English