

4-2315124-2 ✓ ACTIVE

MATE-N-LOK | Micro MATE-N-LOK

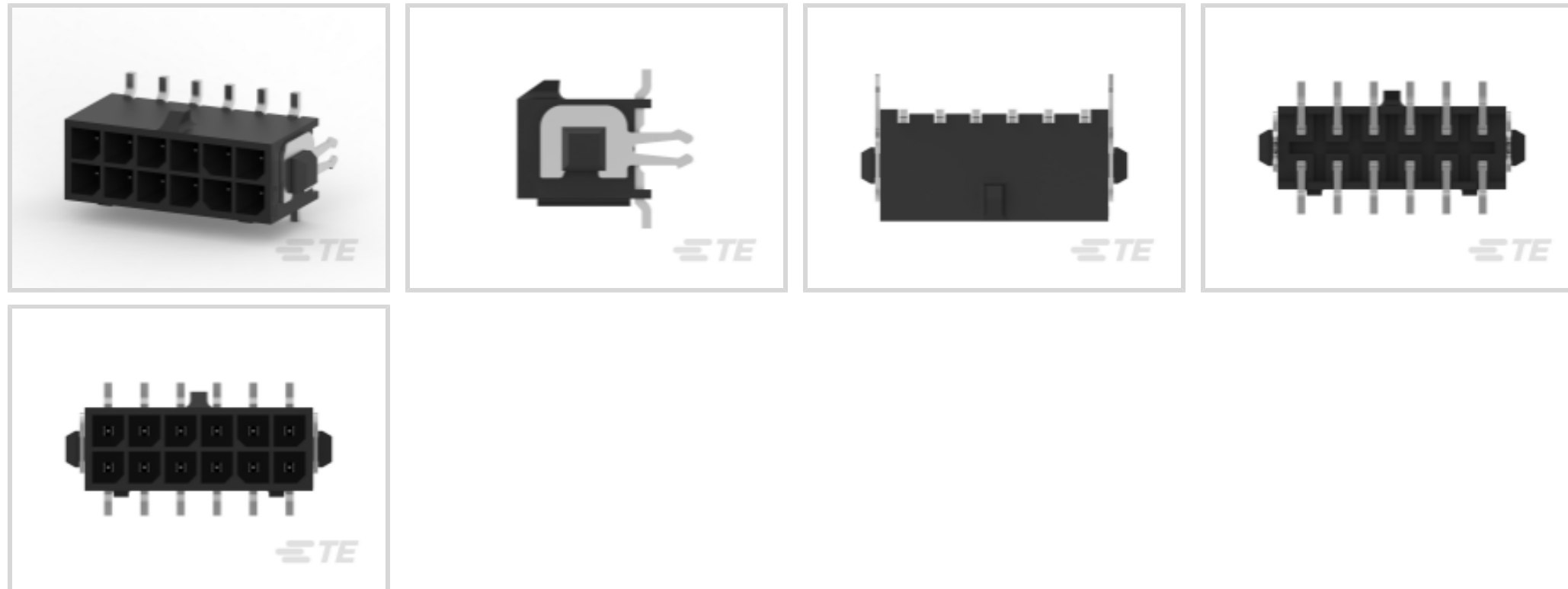
TE Internal #: 4-2315124-2

Rectangular Power Connectors, Header, Plug, Wire-to-Board, 12  
Position, 3 mm [.118 in] Centerline, Printed Circuit Board, UL 94V-0,  
Micro MATE-N-LOK

[View on TE.com >](#)



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Plug**

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

Number of Positions: **12**

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

## Features

### Product Type Features

Header Type	Fully Shrouded
Rectangular Power Connector Type	Header
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

Number of Positions	12
PCB Mount Orientation	Vertical
Number of Rows	2

### Contact Features

Contact Retention Within Housing	Without
Contact Type	Pin
PCB Contact Termination Area Plating Material	Tin



Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	2.54 – 7.62 µm[100 – 300 µin]

### Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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### Mechanical Attachment

Connector Mounting Type	Board Mount
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### Housing Features

Centerline (Pitch)	3 mm[.118 in]
Housing Color	Black
Housing Material	Nylon

### Dimensions

Row-to-Row Spacing	9.4 mm[.37 in]
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### Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

### Packaging Features

Packaging Method	Package
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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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 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



TE Part # 4-794630-2  
12P MICRO MNL ASSY,VRT,HDR,LF



TE Part # 3-794630-4  
04P MICRO MNL ASSY VRT HDR LF



TE Part # 3-794630-8  
08P MICRO MNL ASSY VRT HDR LF



TE Part # 3-794630-2  
02P MICRO MNL ASSY,VRT,HDR,LF



TE Part # 4-794636-2  
12P MICRO MNL ASSY,VRT,SMT,LF



TE Part # 3-794630-6  
06P MICRO MNL ASSY VRT HDR LF



TE Part # 4-794633-2  
12P MICRO MNL ASSY,VRT,SMT,LF



TE Part # 3-794633-4  
04P MICRO MNL ASSY,VRT,SMT,LF



TE Part # 3-794633-2  
02P MICRO MNL ASSY,VRT,SMT,LF

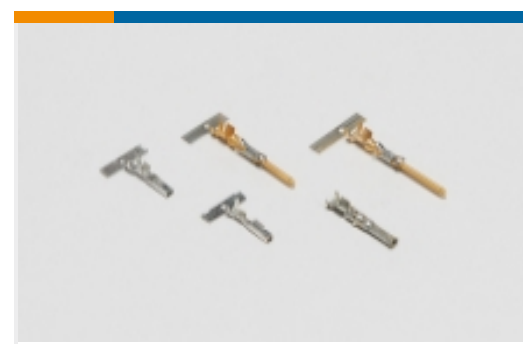


TE Part # 4-2315124-0  
10P MICRO MNL ASSY,VRT,SMT,LF

Also in the Series | **Micro MATE-N-LOK**



Insertion &amp; Extraction Tools(1)



Power Contacts(26)



Rectangular Power Connectors(712)

## Documents

### Product Drawings

[12P MICRO MNL ASSY,VRT,SMT,LF](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_4-2315124-2\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_4-2315124-2\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_4-2315124-2\\_A.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[MICRO MATE-N-LOK CONNECTOR SYSTEM](#)

English

### Product Specifications

[Application Specification](#)

English

### Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English