

3-794617-6 ✓ ACTIVE

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

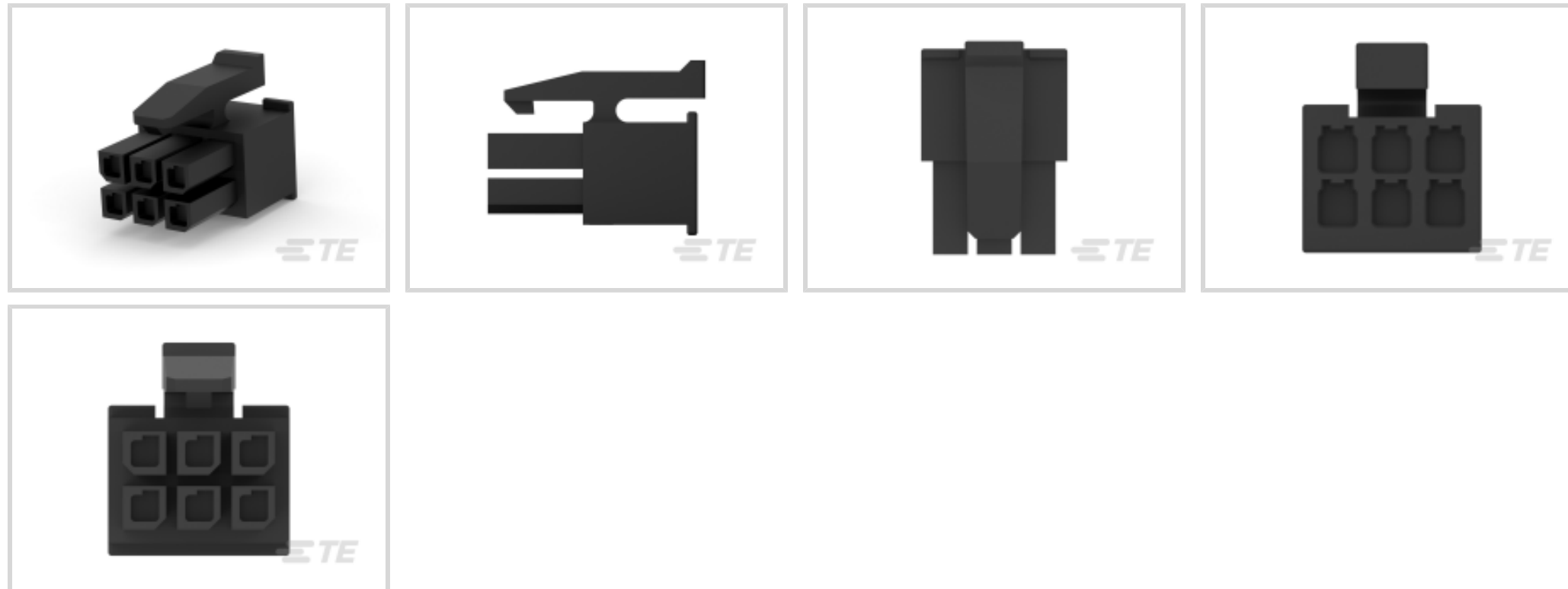
TE Internal #: 3-794617-6

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Board, 6 Position, .118 in [3 mm] Centerline, Wire & Cable, UL 94V-0, Micro MATE-N-LOK

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **6**

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

## Features

### Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Number of Positions	6
Number of Rows	2

### Electrical Characteristics

Operating Voltage	250 VDC
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### Contact Features

Contact Current Rating (Max)	5 A
Contact Retention Within Housing	Without
Contact Type	Receptacle



### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

Panel Mount Feature	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

Centerline (Pitch)	3 mm [.118 in]
Housing Color	Natural
Housing Material	Nylon 66

### Dimensions

Row-to-Row Spacing	3 mm [.118 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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### Identification Marking

Circuit Identification Feature	With
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### Industry Standards

Glow Wire Material Rating	Material with GWFI 850°C, Material with GWIT ≥ 775°C
UL Flammability Rating	UL 94V-0
Glow Wire Rating	GWT 750°C (Without Flame)
UL Rating	Recognized
Agency/Standard Number	E28476, VDE_40005280
VDE Tested	Yes
Agency/Standard	CNR, USR

### Packaging Features

Packaging Method	Box
Packaging Quantity	1200

### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

## Product Compliance Disclaimer

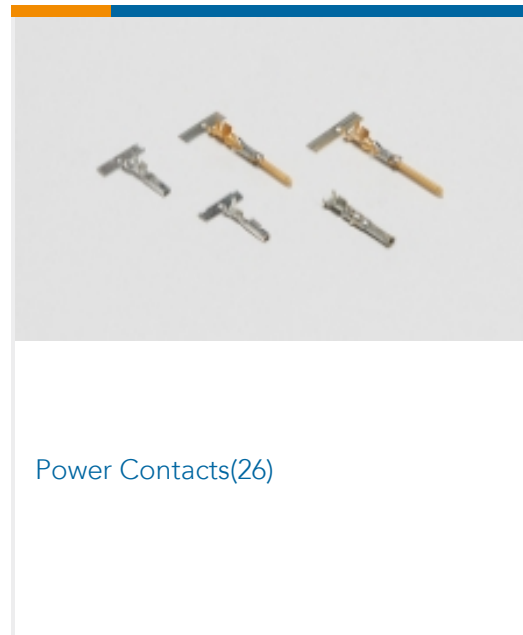
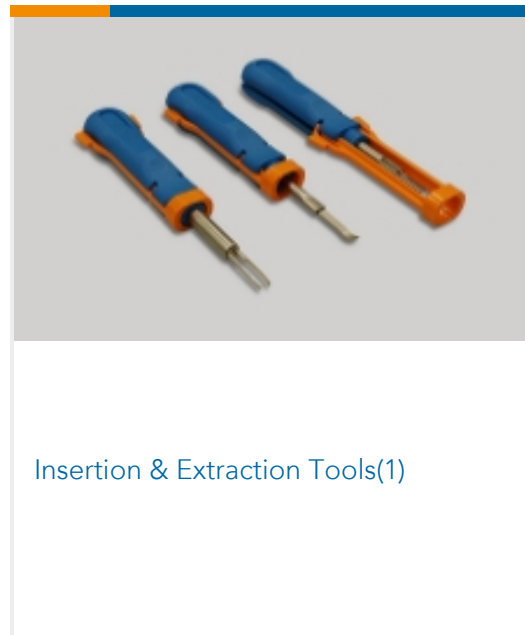
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

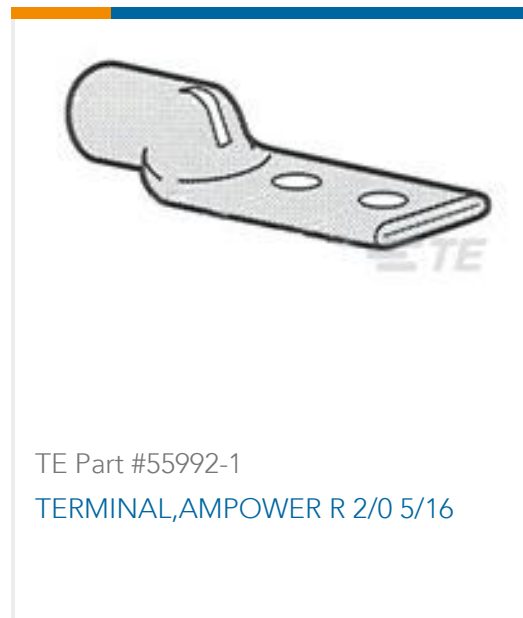
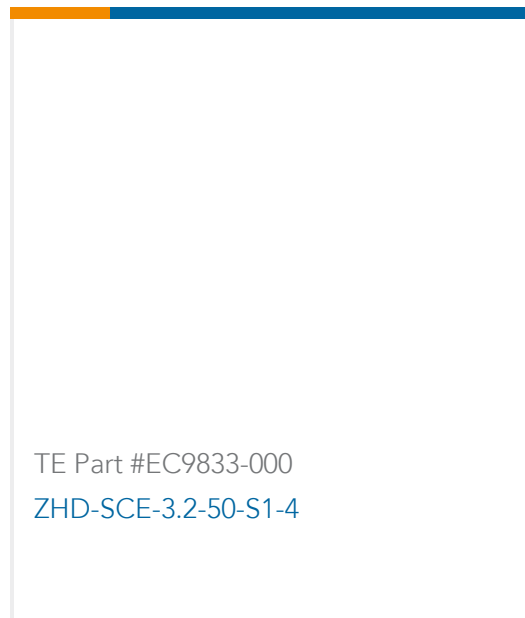
 <p>TE Part # 3-794615-0 10P MICRO MNL PLUG HSG PNL MT DBL RW V0</p>	 <p>TE Part # 2315744-2 2P, MICRO MNL, RCPT HSG, DUAL ROW, V0 GW</p>	 <p>TE Part # 2315744-4 4P, MICRO MNL, RCPT HSG, DUAL ROW, V0 GW</p>	 <p>TE Part # 2315758-2 2P MICRO MNL PLUG HSG PNL MT DBL RW V0 G</p>
 <p>TE Part # 2315759-2 2P MICRO MNL PLUG HSG FREE HNG DBL RW V0</p>	 <p>TE Part # 2315759-4 4P MICRO MNL PLUG HSG FREE HNG DBL RW V0</p>	 <p>TE Part # 3-794616-0 10P MICRO MNL PLUG HSG FREE HNG DBL RW</p>	 <p>TE Part # 3-794616-8 8P MICRO MNL PLUG FREE HNG DBL RW HSG V0</p>



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



Customers Also Bought



Documents

Product Drawings

6P, MICRO MNL RCPT HSG, DBL ROW, GW V0

English

CAD Files

3D PDF

3D



**Customer View Model**

[ENG\\_CVM\\_CVM\\_3-794617-6\\_J.2d\\_dxf.zip](#)

English

**Customer View Model**

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**Datasheets & Catalog Pages**

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

English

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**Product Specifications**

[Application Specification](#)

English

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**Product Environmental Compliance**

[MD\\_3-794617-6\\_06222018026\\_dmtec](#)

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English

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**Agency Approvals**

[UL Report](#)

English