

350073-1 ✓ ACTIVE

MATE-N-LOK | Commercial MATE-N-LOK

TE Internal #: 350073-1

Power Contacts, Contact, 250 VAC, 250 VDC, Tin, Wire-to-Board,
Printed Circuit Board, Through Hole - Solder, Power, Socket,
Commercial MATE-N-LOK

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Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Operating Voltage: **250 VDC**

Contact Mating Area Plating Material: **Tin**

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

Features

Product Type Features

Power Contact Type	Contact
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

PCB Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	15 A
Contact Type	Socket
Contact Retention Within Housing	With
Mating Pin Diameter	2.11 mm[.083 in]
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Pre-Tin
PCB Contact Termination Area Plating Material Thickness	.4 – 3.5 μ m[15.74 – 137.7 μ in]



Contact Orientation	Straight
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Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
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Connector Mounting Type	Board Mount
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
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VDE Tested	No
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Packaging Features

Packaging Method	Bag
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Packaging Quantity	1000
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Other

For Use With	Commercial MATE-N-LOK housings
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Comment	For .125 max. board thickness - Board hole size .057 +/- .003.
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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	No Restricted Materials Above Threshold
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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
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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

Not applicable for solder process capability

Product Compliance Disclaimer

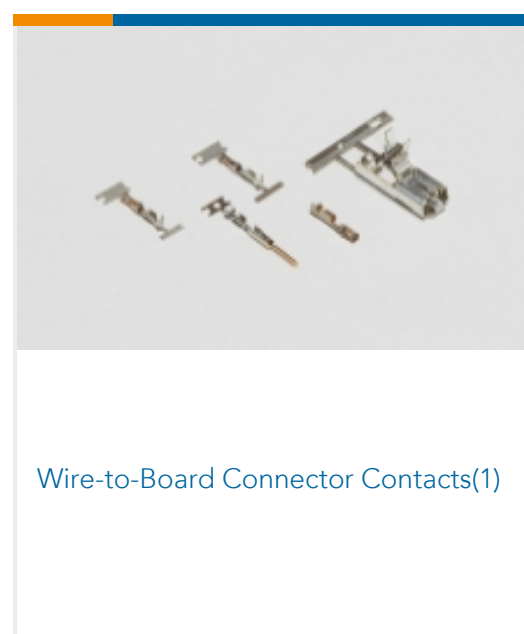
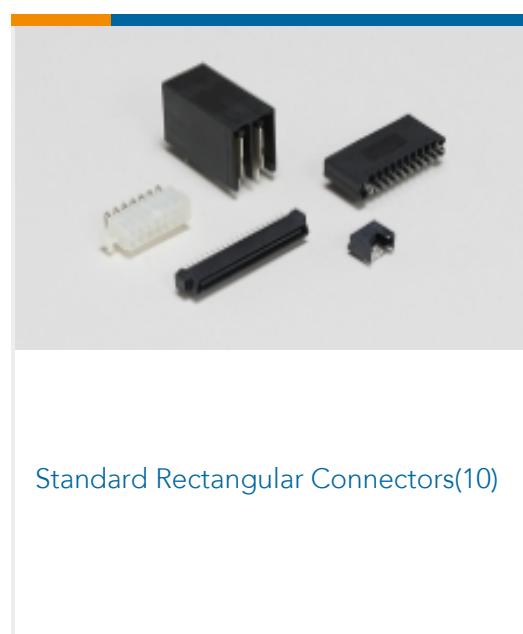
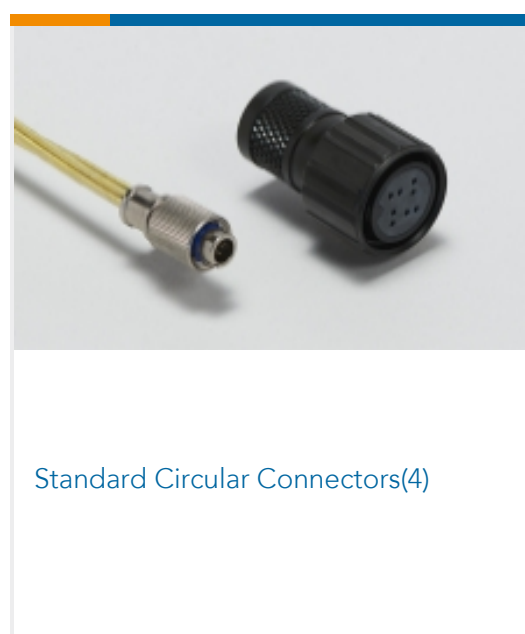
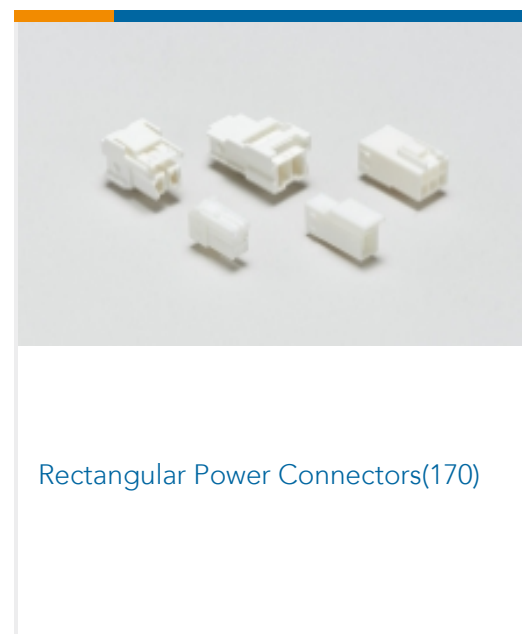
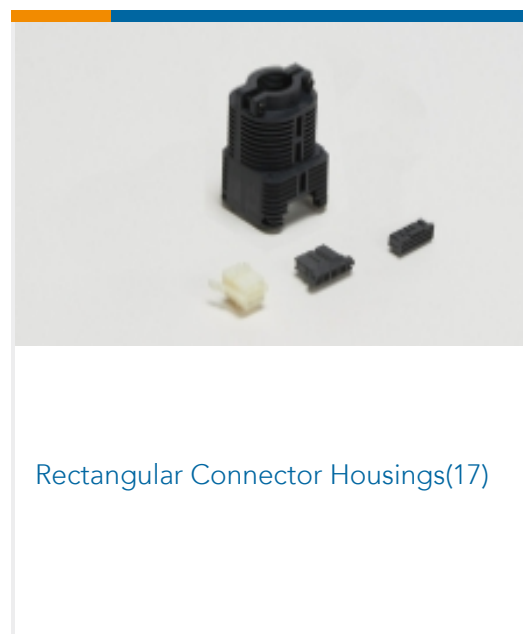
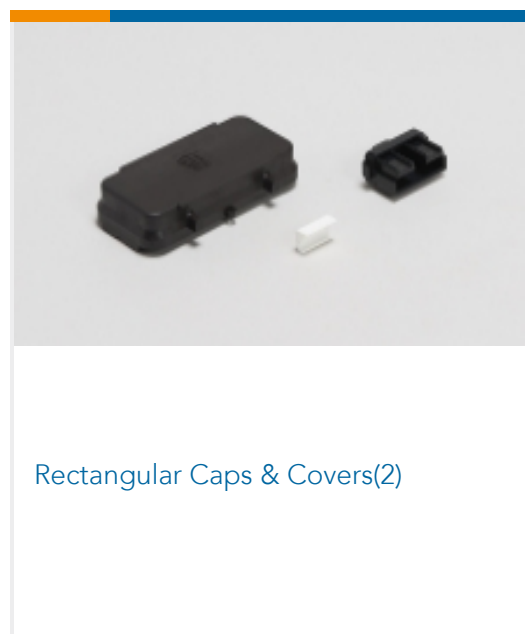
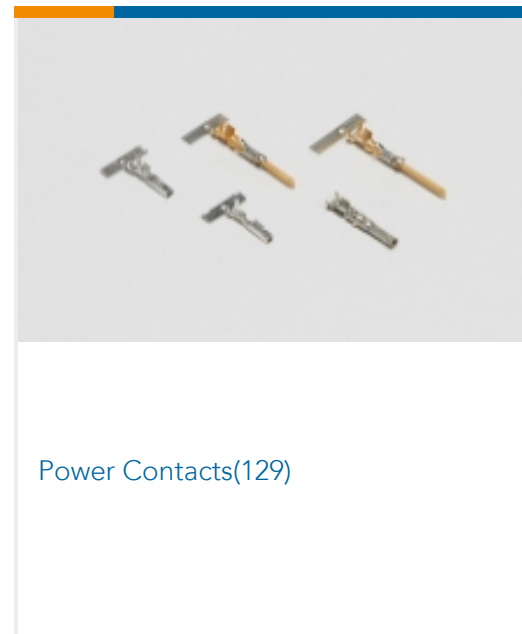
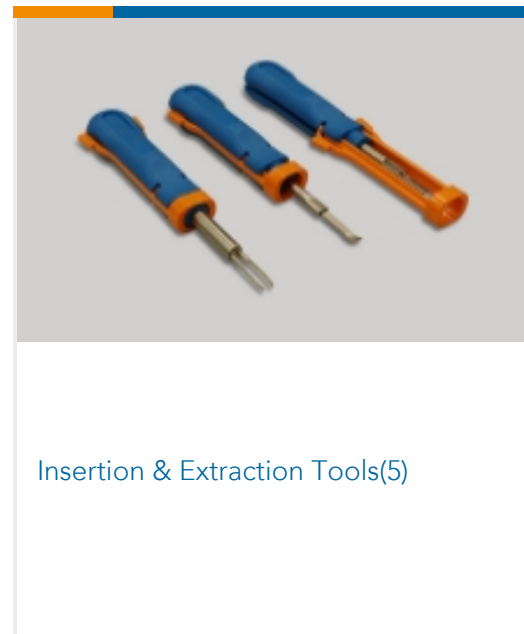
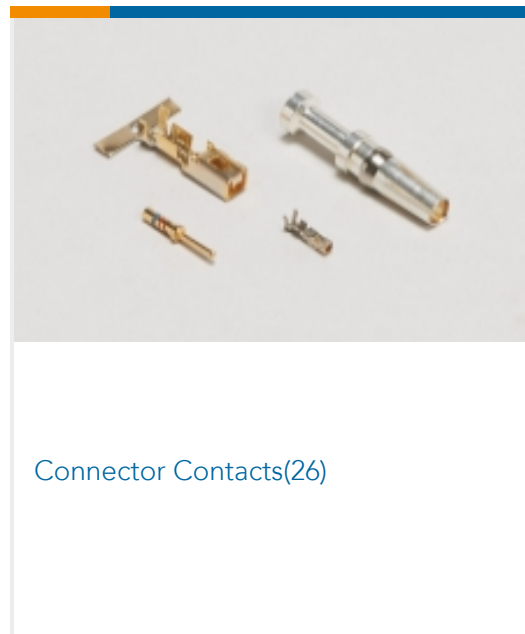
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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





Also in the Series | Commercial MATE-N-LOK



Documents



Product Drawings

CMNL PCB SOK PTPPHBZ

English

CAD Files

Customer View Model

[ENG_CVM_350073-1_H1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_350073-1_H1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_350073-1_H1.2d_dxf.zip](#)

English

3D PDF

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_350073-1_P.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_350073-1_P.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_350073-1_P.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

English