

1-480512-0 ✓ ACTIVE

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

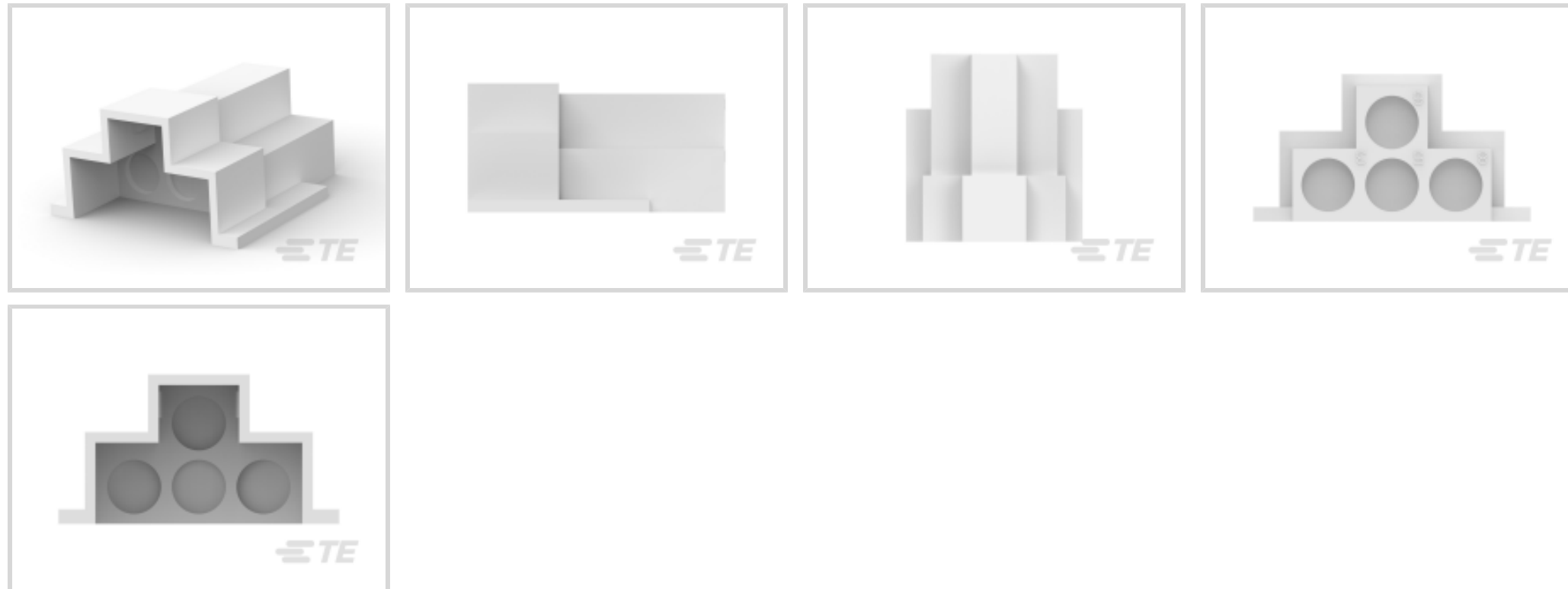
TE Internal #: 1-480512-0

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Wire,
4 Position, 6.1 mm [.24 in] Centerline, Wire & Cable, UL 94V-2,
Commercial MATE-N-LOK

[View on TE.com >](#)



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **4**

Centerline (Pitch): **6.1 mm [.24 in]**

Features

Product Type Features

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

Configuration Features

Number of Positions	4
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Layout	Matrix
Contact Retention Within Housing	Without
Contact Type	Pin



Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Centerline (Pitch)	6.1 mm [.24 in]
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Housing Color	Natural
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Housing Material	Nylon
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Dimensions

Row-to-Row Spacing	6.1 mm [.24 in]
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.865 in

Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-2
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Glow Wire Rating	Standard Part - Not Glow Wire
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Packaging Features

Packaging Method	Package
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Packaging Quantity	2000
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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
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homogenous material. Also BFR/CFR/PVC Free

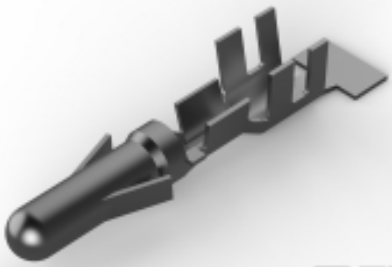
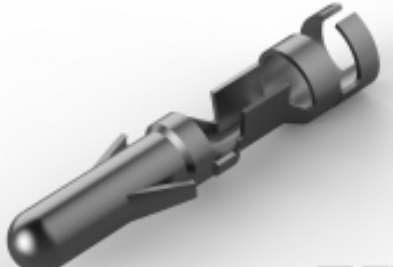
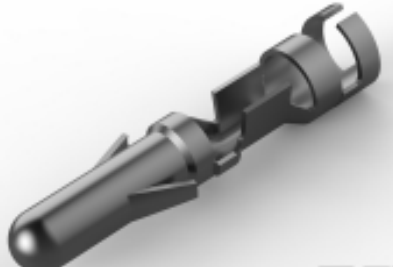
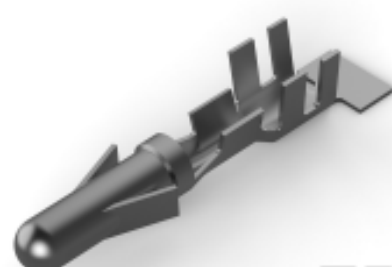
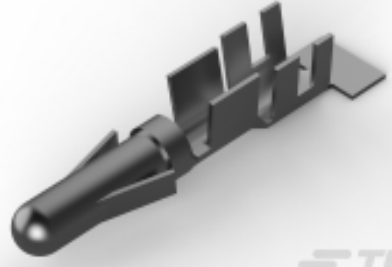
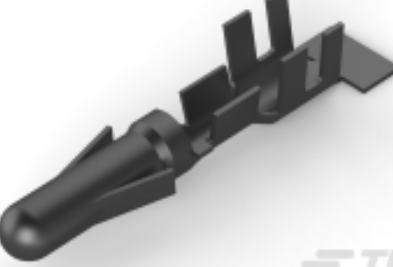

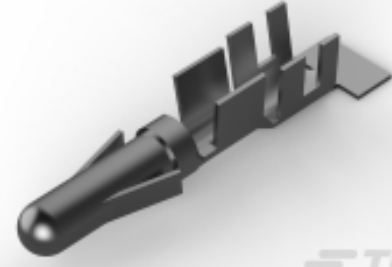
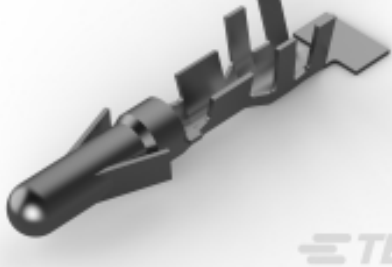
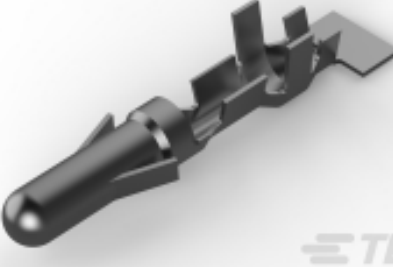
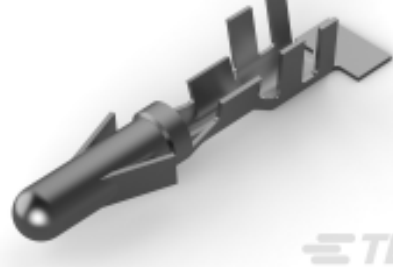
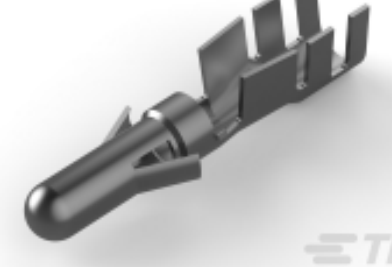
Solder Process Capability

Not applicable for solder process capability

Product Compliance Disclaimer

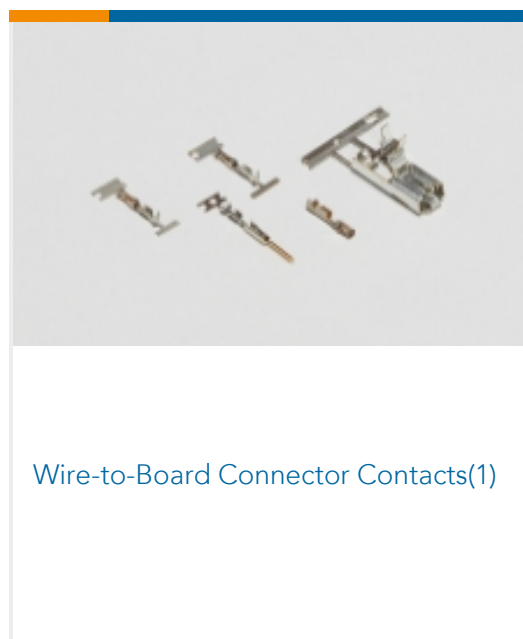
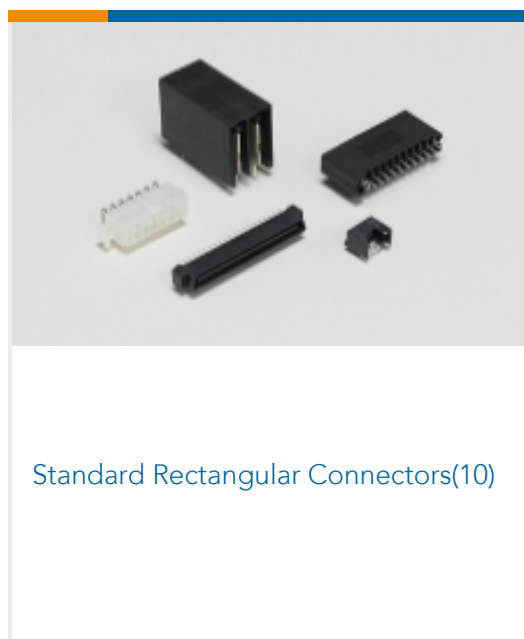
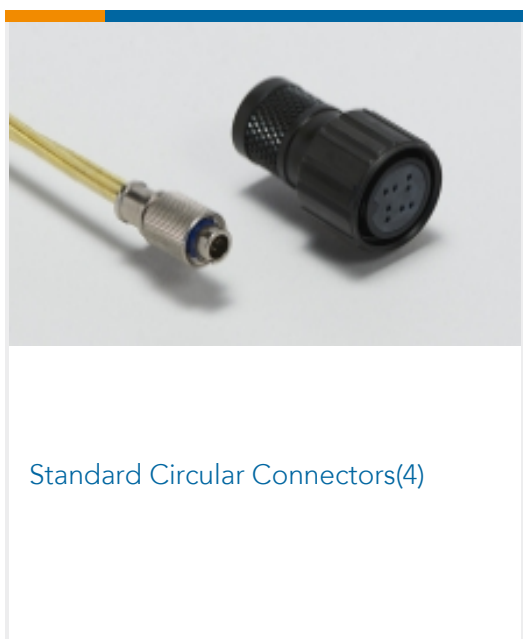
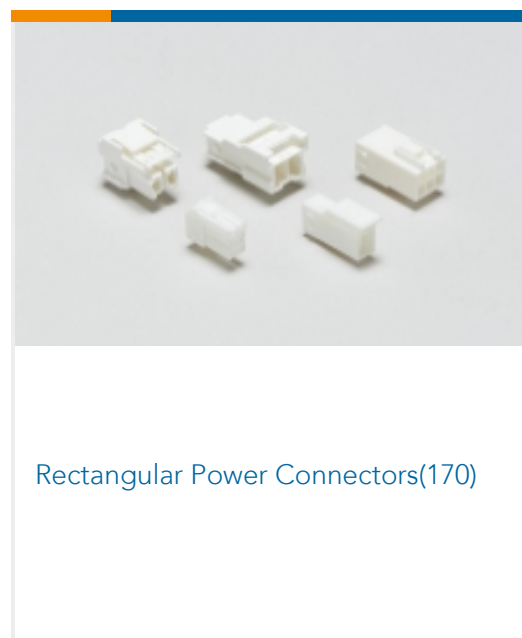
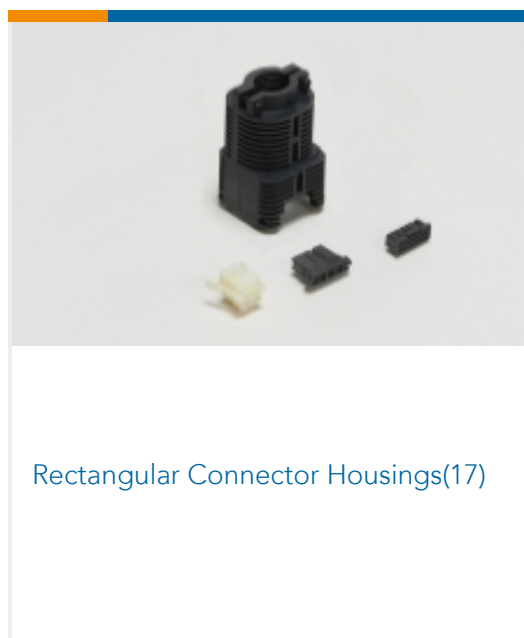
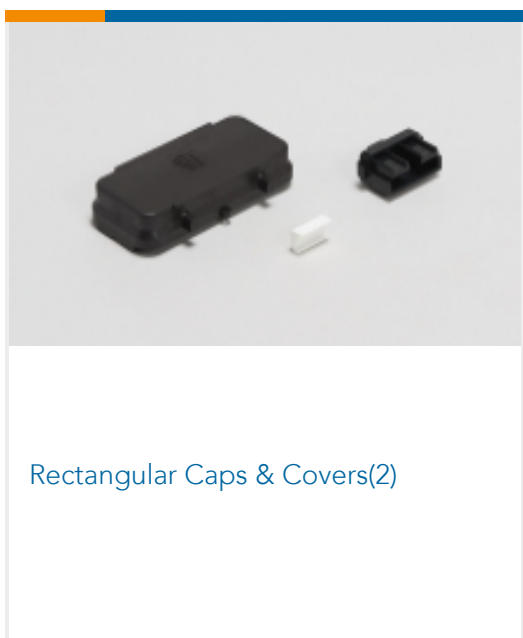
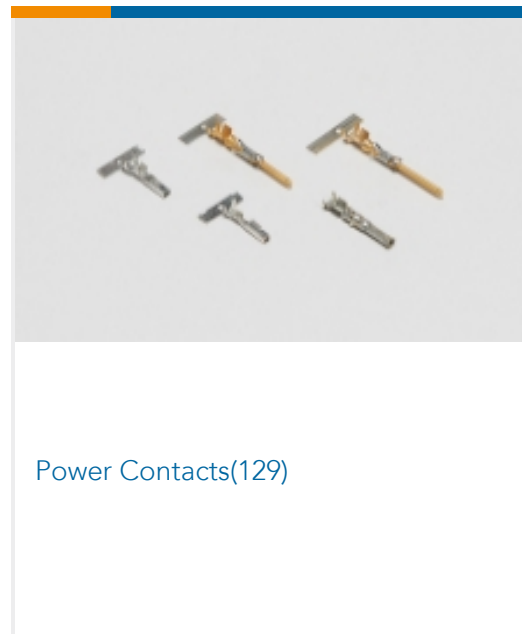
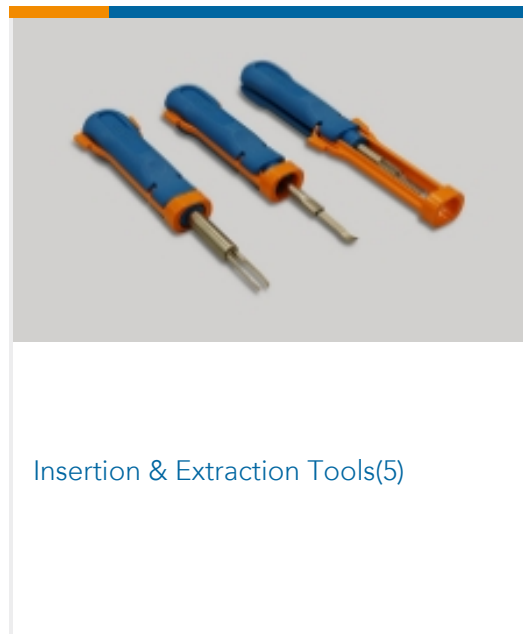
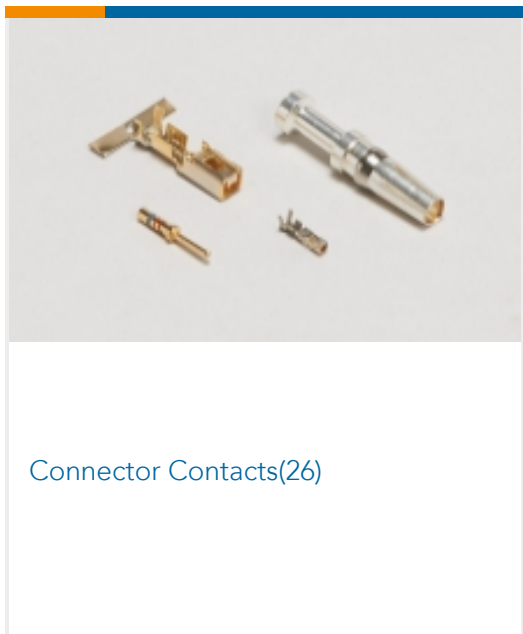
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

 <p>TE Part # 350389-1 .140 DIA PIN 20-14 PTPBR L/P</p>	 <p>TE Part # 925660-2 140 DIA PIN</p>	 <p>TE Part # 925660-1 .140 DIA PIN</p>	 <p>TE Part # 925715-1 M-N-L PIN TPBR</p>
 <p>TE Part # 350201-2 .140 DIA PIN 14-10 PTPPHBZ</p>	 <p>TE Part # 61627-1 .140 DIA PIN 20-14 PTPBR</p>	 <p>TE Part # 927841-2 MNL STIFT 3,5 MM</p>	 <p>TE Part # 350201-1 .140 DIA PIN 14-10 PTPBR</p>
 <p>TE Part # 880685-2 .140 DIA PIN</p>	 <p>TE Part # 926988-1 MNL STIFT 3,5 MM</p>	 <p>TE Part # 925715-2 MATENLOK PIN .140</p>	 <p>TE Part # 925713-2 .140 DIA PIN</p>



Also in the Series | Commercial MATE-N-LOK



Documents



Product Drawings

[04P .140 MNL CAP NAT](#)

English

CAD Files

Customer View Model

[ENG_CVM_1-480512-0_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1-480512-0_C.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1-480512-0_C.2d_dxf.zip](#)

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Customer View Model

[ENG_CVM_CVM_1-480512-0_P.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

English

Product Specifications

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Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

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Agency Approvals

[Agency Approval Document](#)

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