



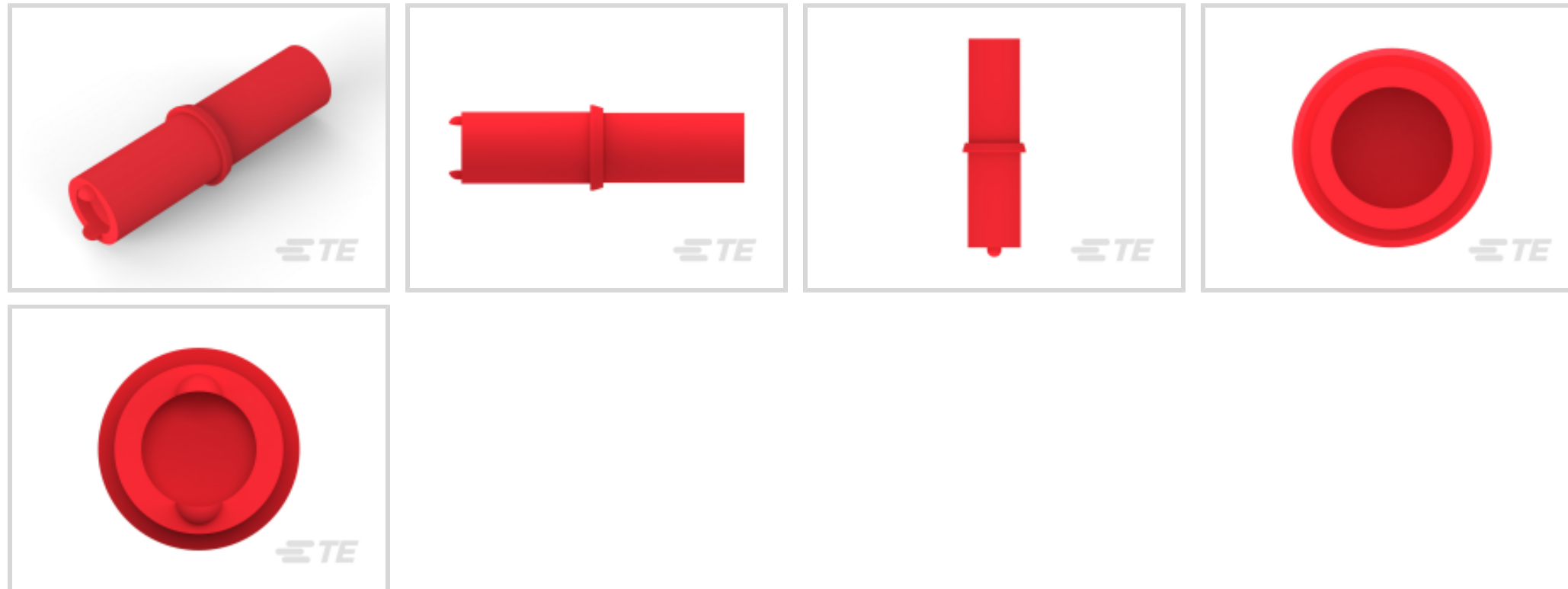
MATE-N-LOK | Commercial MATE-N-LOK

TE Internal #: 1-480349-2

Commercial MATE-N-LOK, Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 1 Position, Wire & Cable, UL 94V-2, Standard Part - Not Glow Wire

[View on TE.com >](#)

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **1**

Sealable: **No**

**Features**

**Product Type Features**

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

**Configuration Features**

Number of Positions	1
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**Electrical Characteristics**

Operating Voltage	250 VAC
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**Contact Features**

Contact Retention Within Housing	Without
Contact Type	Socket

**Termination Features**

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

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

Housing Color	Red
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Housing Material	Nylon
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### 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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### Identification Marking

Circuit Identification Feature	Without
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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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UL Rating	Certified, Recognized
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Agency/Standard Number	E28476
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CSA File Number	LR16455
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VDE Tested	No
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Agency/Standard	CSA, UL
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### Packaging Features

Packaging Method	Package
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Packaging Quantity	1
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### Other

For Use With	Pin (Cap) Housing
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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: JUN 2020 (209)

Candidate List Declared Against: JAN 2020 (205)

Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

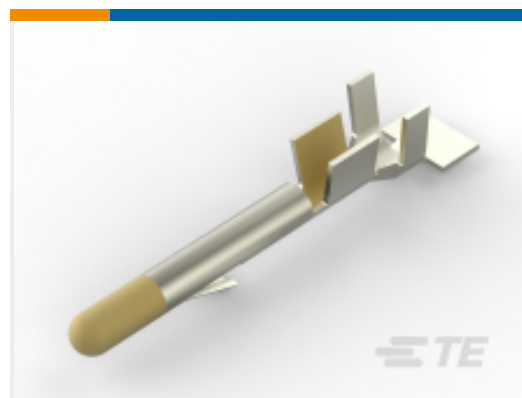
Solder Process Capability

Not 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>

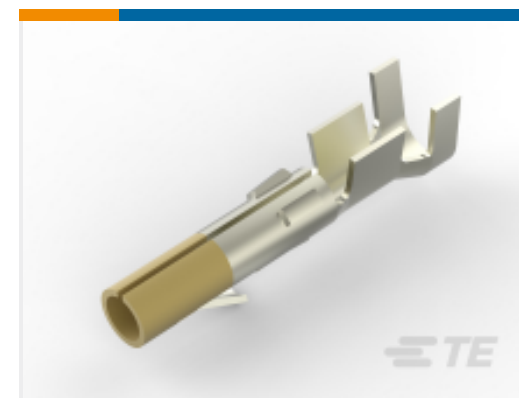
## Compatible Parts



TE Model / Part # 61118-5  
CMNL PIN 20-14 AUNIBR



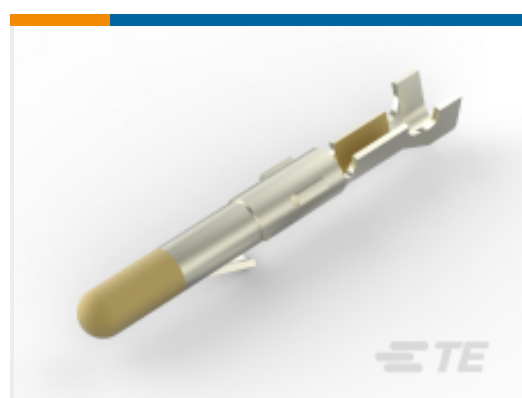
TE Model / Part # 61527-2  
CMNL GROUDING PIN 22-18 PTPBR



TE Model / Part # 61117-7  
CMNL SOK 20-14 AUBR



TE Model / Part # 61173-5  
CMNL SOK 30-22 AUNIBR L/P



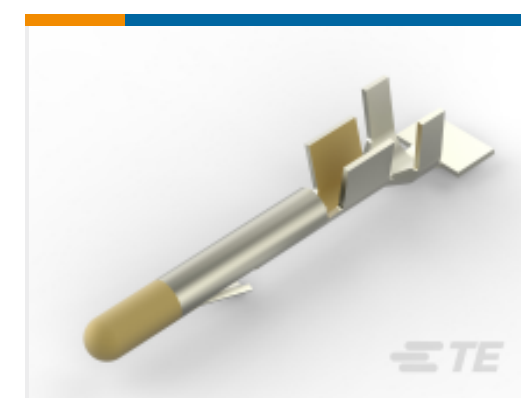
TE Model / Part # 61174-5  
CMNL PIN L/P AUNIBR



TE Model / Part # 61314-6  
CMNL SOK S/F 24-18 .0125AUPHBZ



TE Model / Part # 61173-1  
CMNL SOK 30-22 PTBR L/P



TE Model / Part # 61118-6  
CMNL PIN 20-14 AUNIPHBZ



TE Model / Part # 60617-4  
CMNL SOK PTPPHBZ L/P



TE Model / Part # 60617-1  
CMNL SOK SNBR L/P



TE Model / Part # 350558-1  
MNL PIN SPECIAL .0126 PTPBR



TE Model / Part # 61174-1  
CMNL PIN L/P PTBR



TE Model / Part # 61116-5  
CMNL PIN 24-18 AUNIBR



TE Model / Part # 61116-7  
CMNL PIN 24-18 AUNIBR



TE Model / Part # 60619-4  
CMNL SOK PTPPHBZ L/P



TE Model / Part # 61117-5  
CMNL SOK 20-14 AUBR



TE Model / Part # 60618-5  
CMNL PIN AUBR L/P



TE Model / Part # 60619-5  
CMNL SOK AUBR L/P

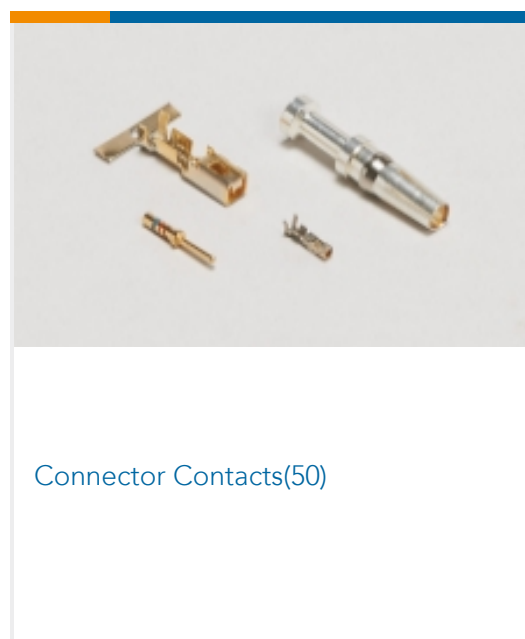


TE Model / Part # 61320-1  
CMNL PCB SOK PTPHBZ



TE Model / Part # 60618-4  
CMNL PIN PTPPHBZL/P

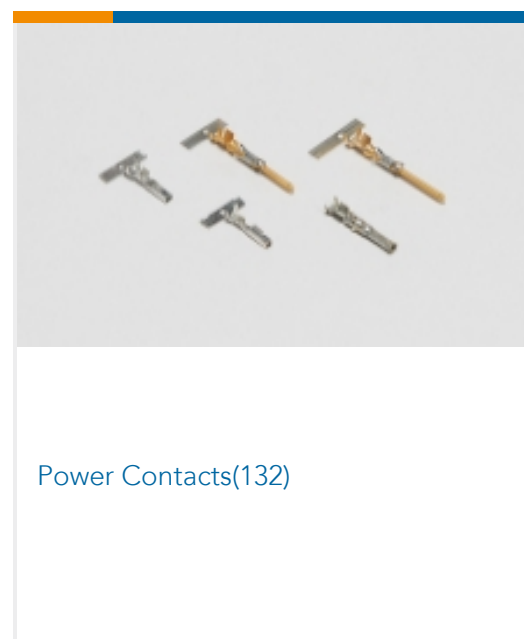
## Also in the Series | Commercial MATE-N-LOK



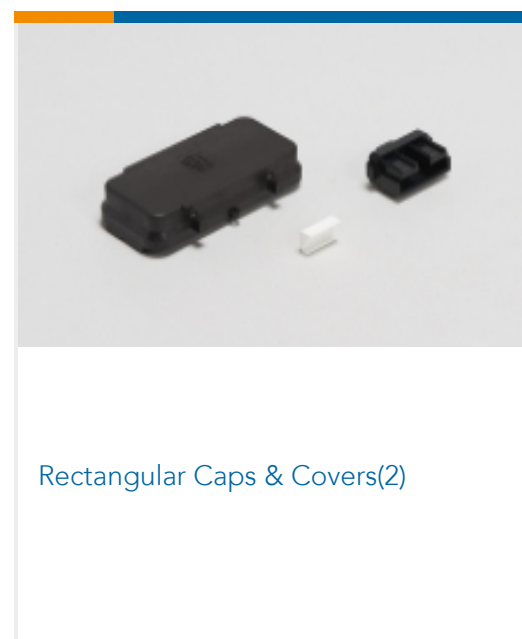
Connector Contacts(50)



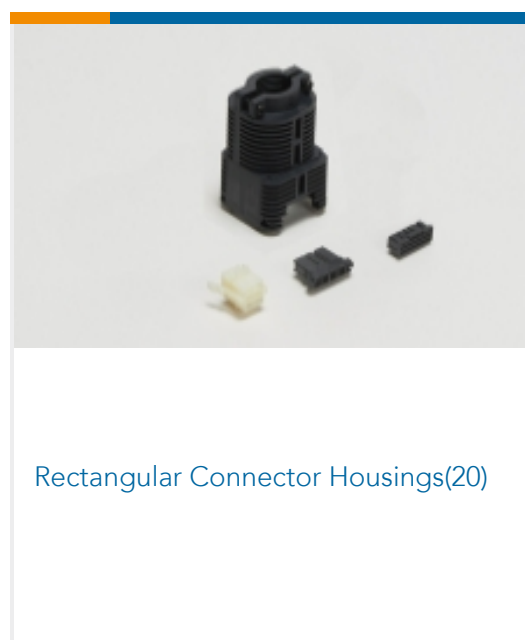
Crimp Wire Pins, Tabs & Ferrules(3)



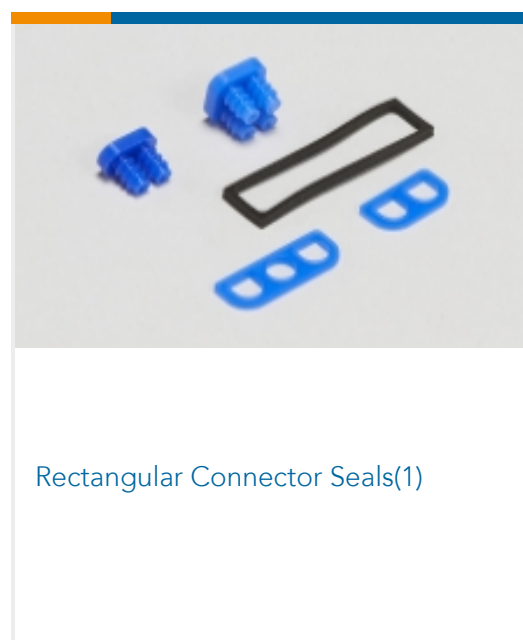
Power Contacts(132)



Rectangular Caps & Covers(2)



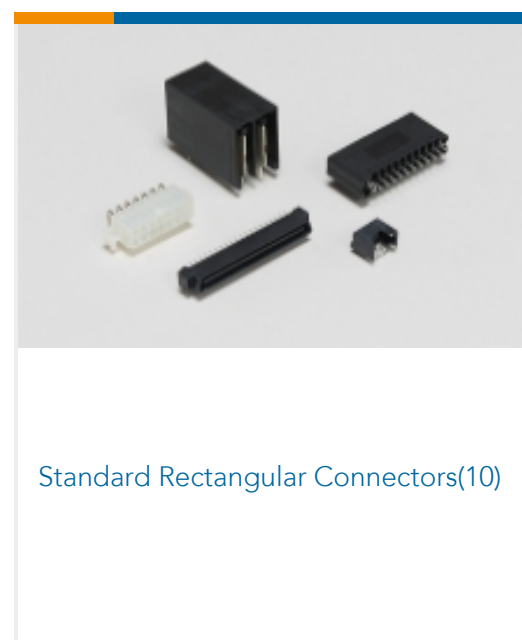
Rectangular Connector Housings(20)



Rectangular Connector Seals(1)



Rectangular Power Connectors(171)

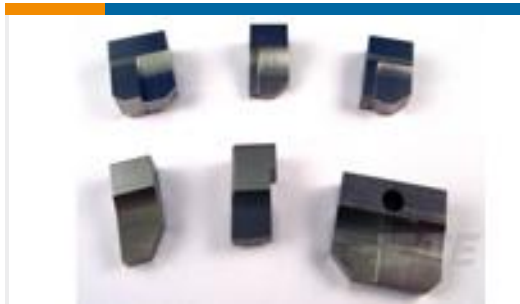


Standard Rectangular Connectors(10)



Wire-to-Board Connector Contacts(1)

## Customers Also Bought



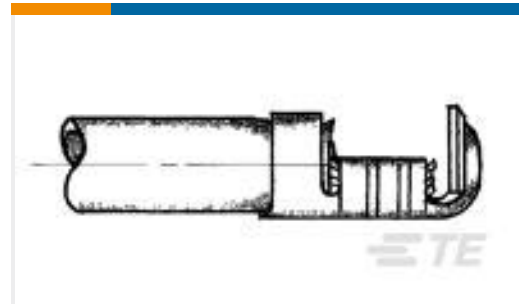
TE Model / Part #240655-8  
ANVIL



TE Model / Part #CP4910-000  
ES2000-NO.2-B9-0-30MM-SH



TE Model / Part #63446-1  
AMVAR RING 22-18 025BR



TE Model / Part #170023-1  
BUTTON CONTACT



TE Model / Part #2-2151494-1  
OCEAN\_2.0\_APPLICATOR-S-055F055F



TE Model / Part #721472-3  
WIRE CRIMPER



TE Model / Part #CP4914-000  
ES2000-NO.2-B9-0-60MM-SH

## Documents

### Product Drawings

01P CMNL PLUG HSG F/H RED

English

### CAD Files

3D PDF

3D

3D PDF

English

Customer View Model

[ENG\\_CVM\\_1-480349-2\\_K.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1-480349-2\\_K.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1-480349-2\\_K.3d\\_stp.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-480349-2\\_AK.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-480349-2\\_AK.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-480349-2\\_AK.3d\\_stp.zip](#)

English

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**Datasheets & Catalog Pages**

[SOFT\\_SHELL\\_PIN\\_SOCKET\\_CONNECTORS\\_STANDARD\\_DENSITY](#)

English

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**Product Specifications**

[Application Specification](#)

English

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**Product Environmental Compliance**

[TE Material Declaration](#)

English

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**Instruction Sheets**

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

English

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

English

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**Agency Approvals**

[Agency Approval Document](#)

English