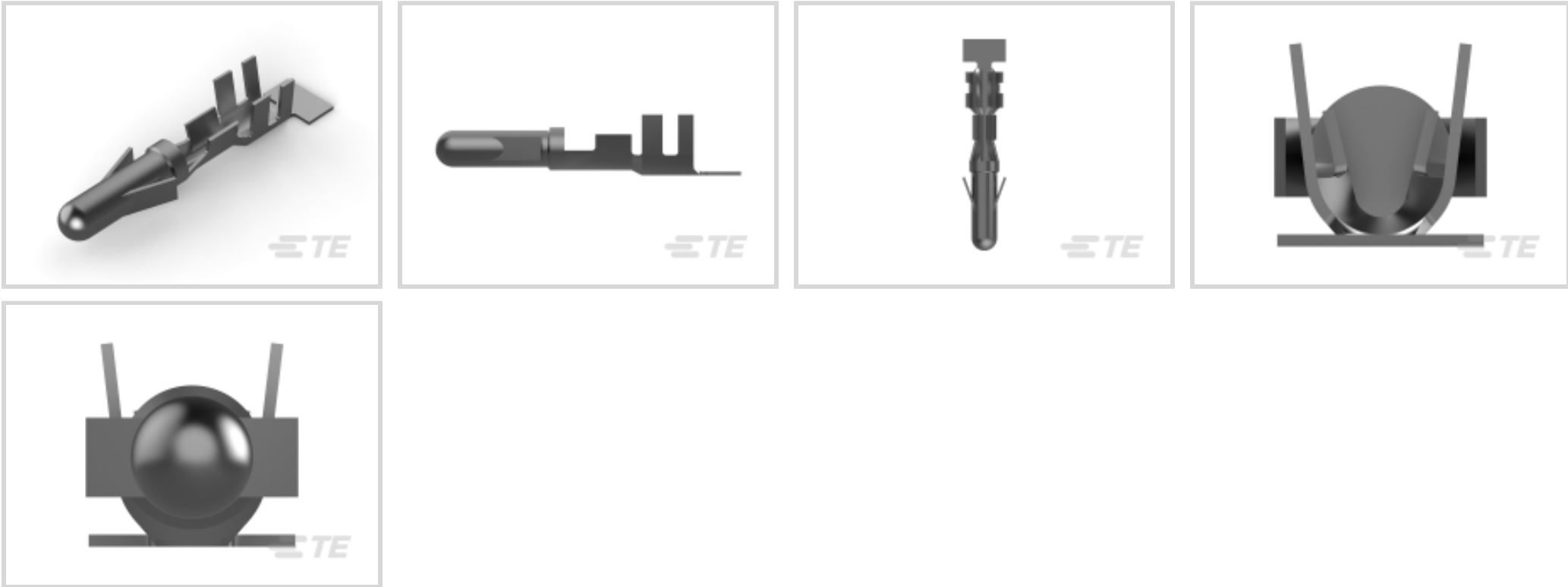




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Tin**

Wire Contact Termination Area Plating Material: **Pre-Tin**

Operating Voltage: **250 VAC**

Contact Retention Within Housing: **With**

Features

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 250 VAC |
|-------------------|---------|

Contact Features

|                                                       |                 |
|-------------------------------------------------------|-----------------|
| Mating Pin Diameter                                   | 3.56 mm[.14 in] |
| Wire Contact Termination Area Plating Thickness       | 3 μm[118.1 μin] |
| Wire Contact Termination Area Plating Material Finish | Matte           |
| Contact Orientation                                   | Straight        |
| Contact Type                                          | Pin             |
| Contact Mating Area Plating Material                  | Tin             |
| Wire Contact Termination Area Plating Material        | Pre-Tin         |
| Contact Retention Within Housing                      | With            |
| Contact Base Material                                 | Phosphor Bronze |
| Contact Current Rating (Max)                          | 17 A            |

Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|



Product Terminates To

Wire & Cable

Mechanical Attachment

|                                       |               |
|---------------------------------------|---------------|
| Wire Insulation Support               | With          |
| Contact Retention Type Within Housing | Locking Lance |

Dimensions

|                                      |                              |
|--------------------------------------|------------------------------|
| Compatible Insulation Diameter Range | 2.5 – 4.5 mm[.098 – .177 in] |
| Wire Size                            | .5 – 2 mm²                   |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 2500 |
| Packaging Method   | Reel |

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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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

|                                                                           |                                                                    |                                                                     |                                                                     |
|---------------------------------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|
| <br>TE Part # 1-480586-0<br>09P .140 MNL CAP NAT                          | <br>TE Part # 1-480673-0<br>09P .140 MNL CAP PM NAT                | <br>TE Part # 1-350345-0<br>02P .140 MNL CAP P/M NAT                | <br>TE Part # 1-480512-0<br>04P .140 MNL CAP NAT                    |
| <br>TE Part # 794683-1<br>09P .140 MNL CAP BLK HT                         | <br>TE Part # 539764-1<br>EXTRACTION TOOL                          | <br>TE Part # 1-350347-0<br>03P .140 MNL CAP PM NAT                 | <br>TE Part # 925450-1<br>M-N-L PIN HSG                             |
| <br>TE Part # 1752938-2<br>SDE DIE SET 3.5 MM MNL                         | <br>TE Part # 2151320-1<br>OCEAN_2.0_APPLICATOR-S-100F190O180F-RSM | <br>TE Part # 2151320-2<br>OCEAN_2.0_APPLICATOR-S-100F190O180FA-RSA | <br>TE Part # 2305570-1<br>Strip Terminal Cutter-Side Feed-No Crimp |
| <br>KIT<br>TE Part # 7-2151320-7<br>OCEAN_2.0_SPARE_PART_KIT-100F190O180F | <br>TE Part # 794061-1<br>03P .140 MNL CAP BLK HT                  | <br>TE Part # 926915-1<br>3,5 MNL PCB HYLSY                         |                                                                     |

Also in the Series | Commercial MATE-N-LOK





Connector Caps & Covers(2)

Connector Contacts(150)

Connector Seals & Cavity Plugs(1)

Crimp Wire Pins, Tabs & Ferrules(2)

Insertion & Extraction Tools(3)

Rectangular Connector Housings(9)

Rectangular Power Connectors(166)

Standard Circular Connectors(2)

Standard Rectangular Connectors(7)

Customers Also Bought

TE Part #1623788-1  
SQM5 100R 5% (WIRE)

TE Part #929505-5  
FF TAB HOUSING 2X7P

TE Part #1-480673-0  
09P .140 MNL CAP PM NAT

TE Part #CH03056001  
QSZH-125-NR4-75MM

TE Part #927858-2  
KONTAKTSTIFT 3,5 MM

TE Part #2208850-1  
RETAINER, FOR MCON1.2 CB

TE Part #827039-1  
CIC.SOCKET ASSY.

TE Part #0276653001  
55E0119-0.75-5(B01)





Documents

CAD Files

Customer View Model

[ENG\\_CVM\\_925715-2\\_Y.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_925715-2\\_Y.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_925715-2\\_Y.2d\\_dxf.zip](#)

English

3D PDF

English

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Product Specifications

[Product Specification](#)

English