



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**  
Contact Mating Area Plating Material: **Precious Metal**  
Wire Contact Termination Area Plating Material: **Gold**  
Contact Retention Within Housing: **With**  
Contact Size: **Size 16**

Features

Contact Features

|                                                       |                  |
|-------------------------------------------------------|------------------|
| Contact Underplating Material                         | Nickel           |
| Contact Orientation                                   | Straight         |
| Mating Pin Diameter                                   | 1.57 mm[.062 in] |
| Contact Underplating Material Thickness               | 1.27 µm[50 µin]  |
| Contact Mating Area Plating Material Thickness        | .76 µm[30 µin]   |
| Wire Contact Termination Area Plating Material Finish | Bright           |
| Wire Contact Termination Area Plating Thickness       | .25 µm[10 µin]   |
| Contact Type                                          | Pin              |
| Contact Mating Area Plating Material                  | Precious Metal   |
| Wire Contact Termination Area Plating Material        | Gold             |
| Contact Retention Within Housing                      | With             |
| Contact Size                                          | Size 16          |
| Contact Base Material                                 | Brass            |
| Contact Current Rating (Max)                          | 13 A             |

Termination Features



|                                    |              |
|------------------------------------|--------------|
| Termination Method to Wire & Cable | Crimp        |
| Product Terminates To              | Wire & Cable |

Mechanical Attachment

|                         |      |
|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|

Dimensions

|                                      |                             |
|--------------------------------------|-----------------------------|
| Compatible Insulation Diameter Range | 2.03 – 2.54 mm[.08 – .1 in] |
| Wire Size                            | .8 – 2 mm²                  |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 150 °C[-67 – 302 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 4000 |
| 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: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<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

TE Part # 305183  
EXTRACT TOOL TYPE 2 20-16

TE Part # 539972-1  
EXTRACTION TOOL

TE Part # 200893-2  
INSERTION TOOL CONT

TE Part # 91519-1  
CCII TYPE III+ PIN SKT 18-14 ASSY

Also in the Series | AMP Type III+

Connector Contacts(260)

Insertion & Extraction Tools(4)

Power Contacts(260)

Also in the Series | Circular Plastic Connectors Series 1

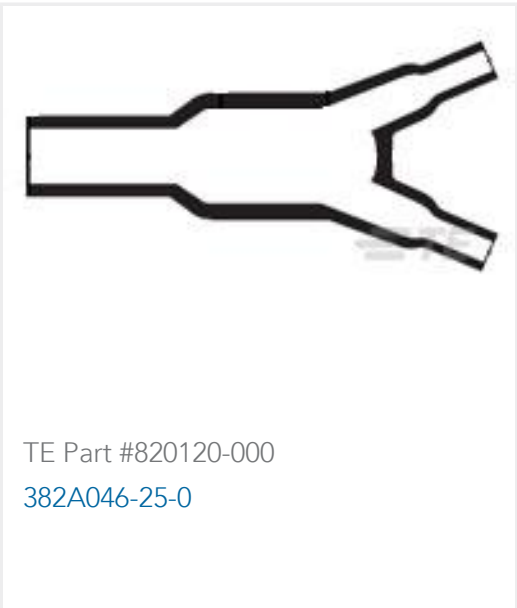
Circular Power Connectors(211)

Connector Contacts(260)

Power Contacts(260)

Customers Also Bought





TE Part #820120-000  
382A046-25-0



TE Part #L9000128-01  
Antenna FPC 868/915MHz 1.13 100 UFL



TE Part #CONMMCX011-R178  
MMCX Jack 50 Ohm Cable Crimp



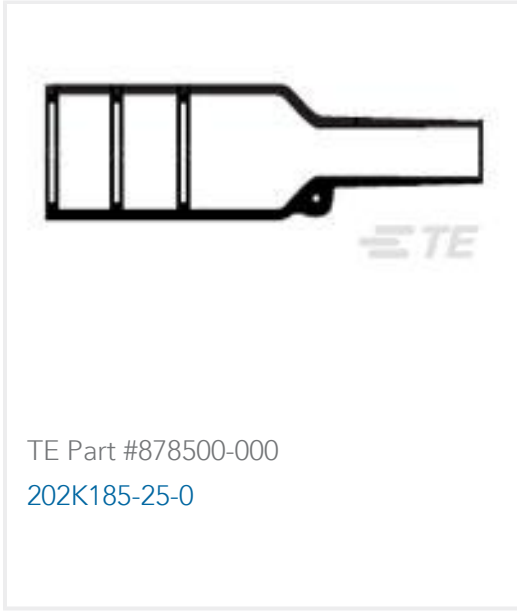
TE Part #2302510-2  
1-PORT MATENET FRAME,STP, COD B



TE Part #2141360-2  
HANDHOLD,CRIMP BUSHING



TE Part #2195835-2  
ISM 868 / 915 MHz ANTENNA



TE Part #878500-000  
202K185-25-0



TE Part #5-2176422-8  
TLRP 2512 3.0W R020 1% 50PPM 4K RL



TE Part #4-2176422-5  
TLRP 2512 3.0W R180 1% 25PPM 4K RL



TE Part #925714-2  
MATENLOK SOCKET.140

Documents

CAD Files

Customer View Model

ENG\_CVM\_CVM\_66359-1\_AG.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_66359-1\_AG.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_66359-1\_AG.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English

Instruction Sheets

66359-1

Pin Contact, Precious Metal, Size 16 Contact Size, 18 – 14 AWG, .8 – 2 mm² Wire, Crimp, Brass, Power & Signal, AMP Type III+



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

Japanese

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

English