



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin (Sn)**

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

Operating Voltage: **240 VDC**

Features

Product Type Features

|                    |          |
|--------------------|----------|
| Discrete Wire Type | Stranded |
|--------------------|----------|

Configuration Features

|                                   |               |
|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
|-----------------------------------|---------------|

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 240 VDC |
|-------------------|---------|

Contact Features

|                                                |          |
|------------------------------------------------|----------|
| Contact Type                                   | Socket   |
| Contact Mating Area Plating Material           | Tin (Sn) |
| Wire Contact Termination Area Plating Material | Tin      |
| Contact Retention Within Housing               | Without  |
| Contact Base Material                          | Brass    |
| Contact Current Rating (Max)                   | 23.5 A   |

Termination Features

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



Dimensions

|           |             |
|-----------|-------------|
| Wire Size | 16 – 12 AWG |
|-----------|-------------|

Packaging Features

|                  |       |
|------------------|-------|
| Packaging Method | Strip |
|------------------|-------|

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 # 2150185-2  
OCEAN\_2.0\_APPLICATOR-E-140F240FA-REA

TE Part # 7-2150185-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-140F240F

TE Part # 2381765-3  
3P, POSITIVE-LOCK HOUSING, MKIII. 250 SE

TE Part # 2150185-1  
OCEAN\_2.0\_APPLICATOR-E-140F240F-REM



TE Part # 1217094-3  
RCPT 250 POS-LOCK 18-14 TPBR



TE Part # 1742701-1  
RCPT 250 POS-LOCK 18-14 0126BR



TE Part # 9-521205-3  
POSI-LOK HSG, .250, 3 POS RAST5



TE Part # 1742701-2  
RCPT 250 POS-LOCK 18-14 TPBR

TE Part # 1-2381765-3  
3P, POSITIVE-LOCK HOUSING, MKIII . 250 SE

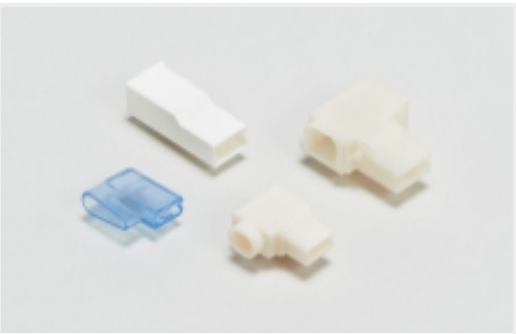


TE Part # 1217095-3  
RCPT 250 POS-LOCK 16-12 TPBR

Also in the Series | RAST 5 IDC Connectors



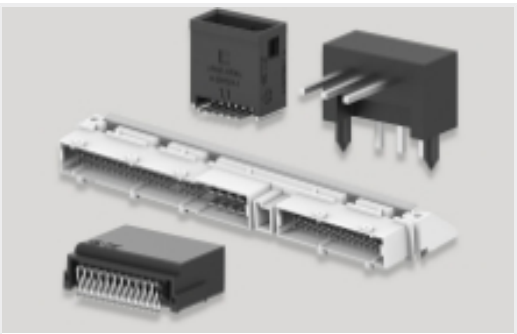
Connector Contacts(12)



Crimp Terminal Housings(39)



Insertion & Extraction Tools(1)



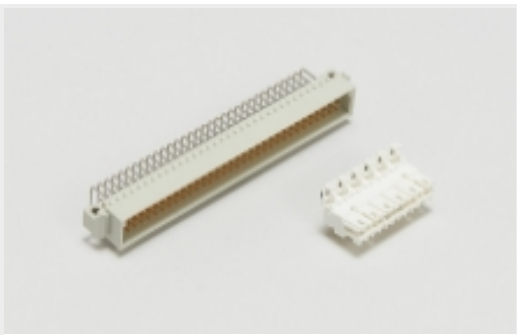
PCB Headers & Receptacles(417)



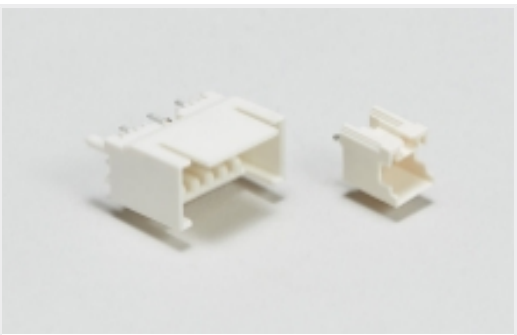
Power Contacts(3)



Rectangular Power Connectors(481)



Standard Edge Connectors(31)



Wire-to-Board Headers & Receptacles (417)

Customers Also Bought



TE Part #42742-1  
250 FASTON FLAG REC 18-12 AWG BR



TE Part #41450  
250 FASTON REC 14-10 AWG TPBR



TE Part #521205-1  
POSI-LOK HSG.250-3 POS RAST5



TE Part #NB13504001  
RNF-100-3/8-BK-FSP







TE Part #1217094-1  
RCPT 250 POS-LOCK 18-14 0126BR



TE Part #521208-1  
POSI-LOK HSG.250-6 POS RAST5



TE Part #2-34161-1  
TERMINAL,PG R 16-14 10



TE Part #640917-2  
RECEPT,PIDG FASTON 22-18 187



TE Part #521206-1  
POSI-LOK HSG.250-4 POS RAST5



TE Part #521204-1  
POSI-LOK HSG.250-2 POS RAST5

Documents

Product Drawings

RCPT 250 POS-LOCK 16-12 0126BR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1217095-1\_C\_c-1217095-1-c.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1217095-1\_C\_c-1217095-1-c.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1217095-1\_C\_c-1217095-1-c.3d\_stp.zip

English

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

Datasheets & Catalog Pages

Positive Lock Receptacles

English

RAST Connector System Catalog

English

Product Specifications

Application Specification

English



[Agency Approvals](#)

[UL Report](#)

English