



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Gold**

Wire Size: **5 – 6 mm²**

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

Features

Product Type Features

| | |
|-----------------------------------|--------------|
| Power Contact Type | Contact |
| Connector System | Wire-to-Wire |
| Connector & Contact Terminates To | Wire & Cable |

Electrical Characteristics

| | |
|--------------|------|
| Test Current | 35 A |
|--------------|------|

Contact Features

| | |
|---|------------------|
| Contact Mating Area Plating Material | Gold |
| Contact Current Rating (Max) | 35 A |
| Contact Type | Tab |
| Mating Tab Width | 5.84 mm[.23 in] |
| Mating Tab Thickness | 2.67 mm[.105 in] |
| Contact Base Material | Copper |
| Contact Mating Area Plating Material Thickness | .76 μm[30 μin] |
| Wire Contact Termination Area Plating Thickness | .76 μm[30 μin] |
| Wire Contact Termination Area Plating Material | Gold |
| Wire Contact Termination Area Plating Material Finish | Bright |
| Contact Orientation | Right Angle |
| Contact Underplating Material | Copper |

Termination Features



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

Mechanical Attachment

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

Dimensions

| | |
|--|-------------------------------|
| Wire Size | 5 – 6 mm ² |
| Accepts Wire Insulation Diameter Range | 4.83 – 5.59 mm [.19 – .22 in] |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 85 °C [-40 – 185 °F] |
|-----------------------------|----------------------------|

Operation/Application

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

Packaging Features

| | |
|--------------------|------|
| Packaging Method | Reel |
| Packaging Quantity | 1500 |

Other

| | |
|-----------------|--|
| Wire/Cable Type | Discrete Wire |
| For Use With | CPC Connectors, G Series Connectors, M Series Connectors |

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

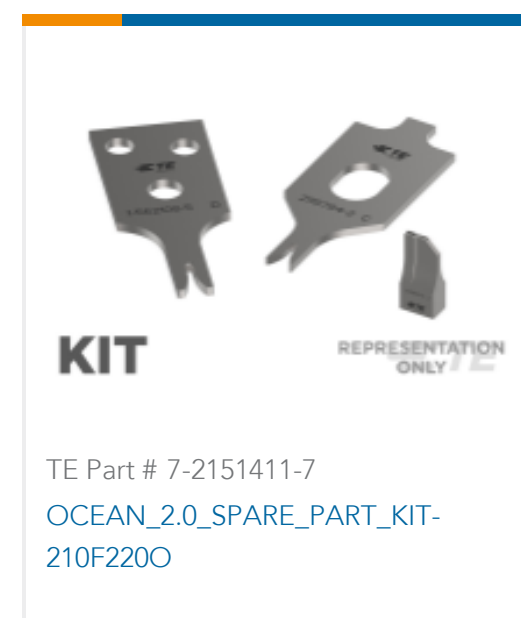
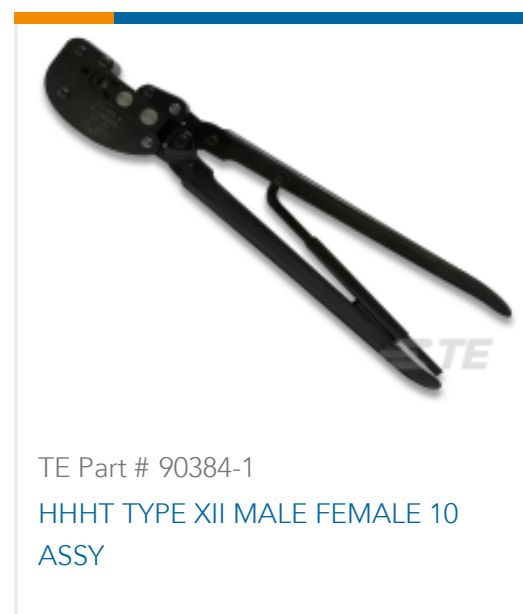
| | |
|---|--|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Not Yet Reviewed |
| Halogen Content | BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources. |
| 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



Customers Also Bought





Documents

Product Drawings

MALE CONTACT ASSY (STRIP)

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_66253-6_AF_c-66253-6-af.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_66253-6_AF_c-66253-6-af.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_66253-6_AF_c-66253-6-af.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

AMP Circular Connectors for Commercial Signal & Power Applications

English

Power Contacts

English

M_SERIES_PIN_AND_SOCKET_CONNECTORS

English

Products for Aerospace and Defense

English



[Product Specifications](#)

[Application Specification](#)

English