



Connectors > Contacts > Connector Contacts



Contact Type: **Tab**  
Contact Mating Area Plating Material: **Gold**  
Wire Contact Termination Area Plating Material: **Gold**  
Wire Size: **5 – 6 mm<sup>2</sup>**

Features

Contact Features

|                                                       |                  |
|-------------------------------------------------------|------------------|
| Mating Tab Width                                      | 5.84 mm[.23 in]  |
| Mating Tab Thickness                                  | 2.67 mm[.105 in] |
| Wire Contact Termination Area Plating Thickness       | .76 µm[30 µin]   |
| Wire Contact Termination Area Plating Material Finish | Bright           |
| Contact Mating Area Plating Material Thickness        | .76 µm[30 µin]   |
| Contact Orientation                                   | Right Angle      |
| Contact Underplating Material                         | Copper           |
| Contact Type                                          | Tab              |
| Contact Mating Area Plating Material                  | Gold             |
| Wire Contact Termination Area Plating Material        | Gold             |
| Contact Base Material                                 | Copper           |
| Contact Current Rating (Max)                          | 35 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 | 4.83 – 5.59 mm[.19 – .22 in] |
|--------------------------------------|------------------------------|



|           |           |
|-----------|-----------|
| Wire Size | 5 – 6 mm² |
|-----------|-----------|

Usage Conditions

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

Operation/Application

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

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 1500 |
| 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                               | 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





TE Part # 206037-2  
CPC PLUG ASSEMBLY SIZE 17-3



TE Part # 90384-1  
HHHT TYPE XII MALE FEMALE 10  
ASSY



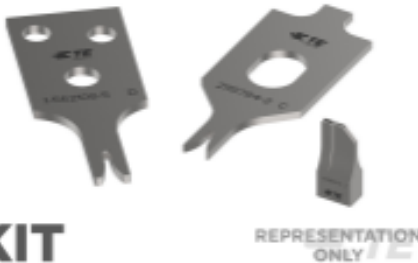
TE Part # 7-1579008-6  
UNLOCKING TOOL



TE Part # 1-66741-1  
TYPE XII FEMALE CONT (STRIP)



TE Part # 2151411-2  
OCEAN-2.0-APPLICATOR-S-  
210F220O-RSA



TE Part # 7-2151411-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-  
210F220O

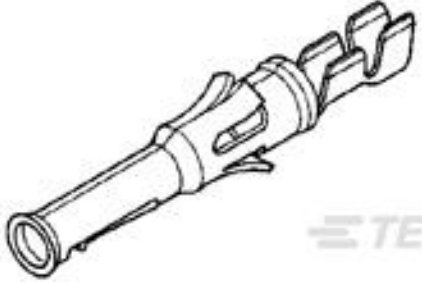


TE Part # 567021-3  
HDMIBMSMPR210F220OK 66251

Customers Also Bought



TE Part #206613-1  
RECEPT ASSY,SZ 23-22,CPC



TE Part #66590-4  
TYPE VI SKT,MULTI-MATE,L.P.



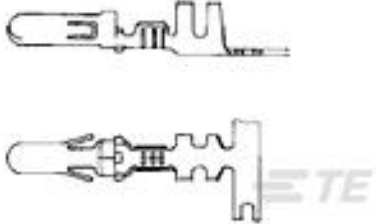
TE Part #691437-000  
B-500-06-01



TE Part #A49199-000  
B-155-3809



TE Part #100284-1  
2P.4MM SOCK.ASS.M27



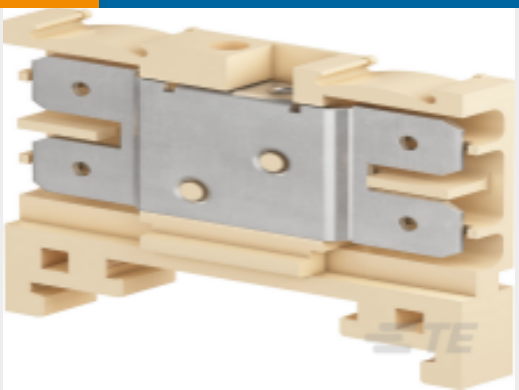
TE Part #927841-2  
MNL STIFT 3,5 MM



TE Part #184095-2  
RECPT, CONTACT .070, PTPPHBZ



TE Part #1SNA105135R1100  
M4/8.SF2



TE Part #1SNA160487R2500  
HD2.5/6.2G.2G.1

TE Part #1SNS420000Z2453  
AND0002897032-A (XTX02-PO)

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

Product Specifications

Application Specification

English