66253-1 ✔ ACTIVE

AMP

TE Internal #: 66253-1

Tin-Lead, Tab Contact, 10 AWG, 5 – 6 mm² Wire, Crimp, Copper, Power, -40 – 85 °C [-40 – 185 °F]

View on TE.com >

Connectors > Contacts > Connector Contacts



Contact Type: **Tab**

Contact Mating Area Plating Material: **Tin-Lead**

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

Wire Size: **5 – 6 mm²**

Features

Contact Features

Contact Type	Tab
Contact Mating Area Plating Material	Tin-Lead
Wire Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Copper
Contact Current Rating (Max)	15 A
Mating Tab Width	5.84 mm[.23 in]
Mating Tab Thickness	2.67 mm[.105 in]
Contact Mating Area Plating Material Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Right Angle
Contact Underplating Material	Copper

Termination Features

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

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Wire Size	5 – 6 mm²

Compatible 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 Quantity	1500
Packaging Method	Reel

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (13% in component) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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

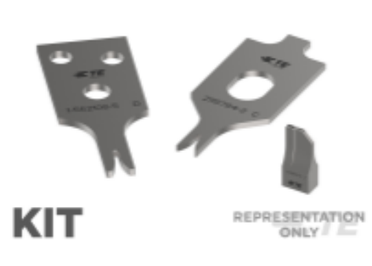
Compatible Parts



TE Part # 7-1579008-6
UNLOCKING TOOL



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



TE Part # 7-2151411-7
OCEAN_2.0_SPARE_PART_KIT-210F220O



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



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



TE Part # 66741-7
TYPE XII FEMALE CONT (STRIP)

Customers Also Bought



TE Part #CAT-H396-CH8172
DEUTSCH HDP20 Housings



TE Part #1-66255-1
MALE CONTACT ASSY. (STRIP)



TE Part #66740-7
TYPE XII FEMALE CONT (STRIP)



TE Part #66741-8
TYPE XII FEMALE CONT (L.P.)



TE Part #66741-9
TYPE XII FEMALE CONT (STRIP)



TE Part #206425-1
17-3 RECPT. REV SEX



TE Part #206426-1
CPC PLUG ASSEMBLY SIZE 17-3



TE Part #282438-1
MINI MIC SRS REC CONT HYBRD



TE Part #3-1623931-3
CFR25 5% 470K

Documents

Product Drawings

MALE CONTACT ASSY. (STRIP)

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_66253-1_AF_c-66253-1-af.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_66253-1_AF_c-66253-1-af.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_66253-1_AF_c-66253-1-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