66259-5 ✔ ACTIVE

AMP

TE Internal #: 66259-5

Power Contacts, Contact, Tin, 10AWG Wire Size, 5 – 6mm² Wire Size, Wire-to-Wire, Wire & Cable, Crimp, 15A Contact Current Rating (Max), Power, Tab

View on TE.com >

Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Tin**

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	15 A

Contact Features

Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	15 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	1.27 µm[50 µin]
Wire Contact Termination Area Plating Material Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Material	Tin
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 mm²
Accepts Wire Insulation Diameter Range	4.83 – 5.59 mm[.19 – .22 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power

Packaging Features

Packaging Method	Bag
Packaging Quantity	100

Other

Wire/Cable Type	Discrete Wire
For Use With	CPC Connectors, G Series Connectors, M Series Connectors
Comment	Hand Tool No. 69710-1 uses Die Insert No. 90145-2 for 16 AWG and Die Insert No. 90145-1 for 14-12 AWG wire.

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 # 90384-1
HHHT TYPE XII MALE FEMALE 10 ASSY



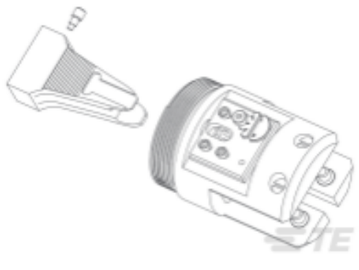
TE Part # 7-1579008-6
UNLOCKING TOOL



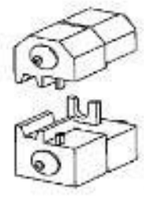
TE Part # 2-66741-1
TYPE XII FEMALE CONT (L.P.)



TE Part # 69710-1
C-HEAD FRAME W/O DIES



TE Part # 356304-1
TOOL HOLDER ASSY, STRHT ACTION



TE Part # 90140-1
TYPE XII MALE FEMALE 10 DIE SET

Customers Also Bought



TE Part #1445389-1
MINI CPC



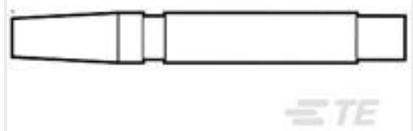
TE Part #2-66740-1
TYPE XII FEMALE CONT (LP)



TE Part #151469
16-14 PIDG LIP`D BLADE BLACK E



TE Part #2-66741-1
TYPE XII FEMALE CONT (L.P.)



TE Part #200821-1
CMNL KEYING PLUG



TE Part #2-1658527-5
622-2441LF=FSKT IDC S 24 30AU



TE Part #WB-48SA
DEUTSCH DRB WEDGELOCKS



TE Part #1546349-2
CPC CABLE CLAMPS



TE Part #1SNA179672R1400
BJMI6D-10

Documents

Product Drawings

MALE CONTACT ASSY. (L.P.)

English

CAD Files

Customer View Model

ENG_CVM_66259-5_Z.3d_igs.zip

English

Customer View Model

ENG_CVM_66259-5_Z.3d_stp.zip

English

Customer View Model

ENG_CVM_66259-5_Z.2d_dxf.zip

English

3D PDF

English

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Datasheets & Catalog Pages

Products for Aerospace and Defense

English

Product Specifications

Application Specification

English