



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin**

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

Operating Voltage: **250 VDC**

Features

Product Type Features

Sealable	No
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Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

Mating Pin Diameter	1.57 mm[.062 in]
Wire Contact Termination Area Plating Thickness	1 - 3 µm[40 - 118 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	1.02 µm[40 µin]
Contact Mating Area Plating Material Finish	Semi-Bright
Contact Orientation	Straight
Contact Type	Socket
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Size	Size 16



Contact Base Material	Brass
Contact Current Rating (Max)	1.8 A

Termination Features

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

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Compatible Insulation Diameter Range	2.03 - 2.54 mm[.08 - .1 in]
Wire Size	.8 - 1.4 mm²

Usage Conditions

Operating Temperature Range	-55 - 90 °C[-67 - 194 °F]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Method	Strip
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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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 58495-2
PROCRIMPER DIE ASSY MULTIMATE

TE Part # 58495-1
PRO CRIMPER ASSY MULTIMATE

TE Part # 2151023-1
OCEAN_2.0_Applicator-S-080F120O-RSM

TE Part # 91505-1
CCII TYPE III+ 24-16 ASSY

TE Part # 2151023-2
OCEAN_2.0_Applicator-S-080F120O-RSA

TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp

TE Part # 5-2151023-1
OCEAN_2.0_Applicator-S-080F120O-RSM

TE Part # 5-2151023-2
OCEAN_2.0_Applicator-S-080F120O-RSA

TE Part # 7-2151023-7
OCEAN_2.0_SPARE_PART_KIT-080F120O

Also in the Series | AMP Type IV

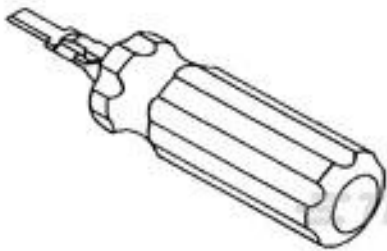
Connector Contacts(52)



Customers Also Bought



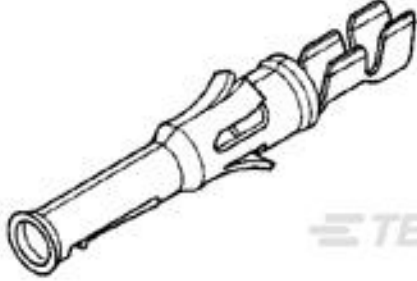
TE Part # 1-747944-6
KIT, PLUG, 9P, HDE, SHLD ENCLSRE



TE Part # 305183
EXTRACT TOOL TYPE 2 20-16



TE Part # 66579-7
TYPE VI PIN, MULTI-MATE



TE Part # 66590-2
TYPE VI SKT, MULTI-MATE, L.P.



TE Part # 172327-1
UNIV M-N-L HSG



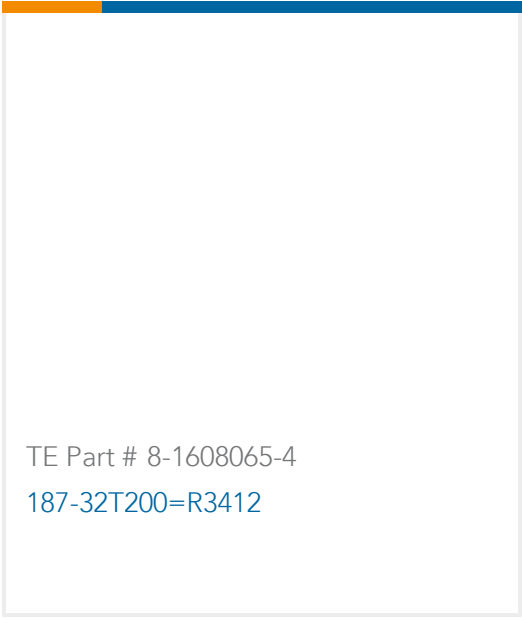
TE Part # 647676-8
3.96 EP HDR ASSY 8P R/A



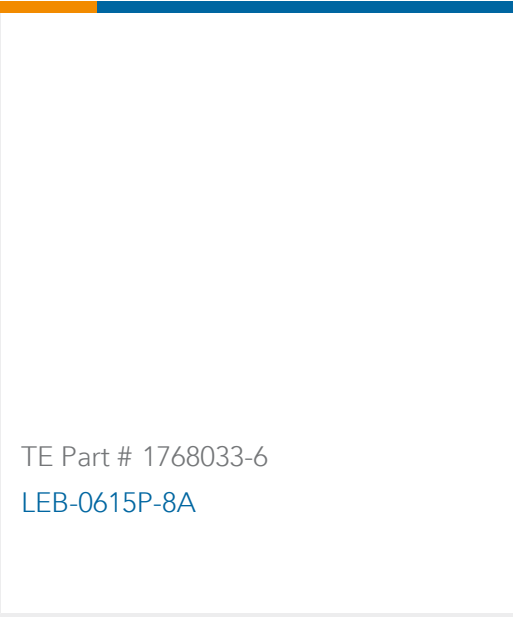
TE Part # 4-2407269-2
CAP, CPC, SIZE 17 RECP, BLACK



TE Part # 184006-2
2 POS. PLUG ASSY, KEY D, GRAY



TE Part # 8-1608065-4
187-32T200=R3412



TE Part # 1768033-6
LEB-0615P-8A

Documents

Product Drawings

TYPE VI SKT CONT, MULTI-MATE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_66580-2_AN_c-66580-2-an.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_66580-2_AN_c-66580-2-an.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_66580-2_AN_c-66580-2-an.3d_stp.zip

English

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



Product Specifications

Application Specification

Japanese

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

Japanese

Instruction Sheet (U.S.)

English

Agency Approvals

Agency Approval Document

English