



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Gold**
Wire Contact Termination Area Plating Material: **Tin-Lead**
Contact Retention Within Housing: **With**
Contact Retention Type Within Housing: **Locking Lance**

Features

Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Tin-Lead
Contact Retention Within Housing	With
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	5 A

Termination Features

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

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
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Dimensions



Compatible Insulation Diameter Range	1.14 - 2.41 mm[.045 - .095 in]
Wire Size	642 - 1624 CMA

Usage Conditions

Operating Temperature Range	-40 - 85 °C[-40 - 185 °F]
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Operation/Application

Circuit Application	Power & Signal
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Identification Marking

Contact Color Code	Violet
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Packaging Features

Packaging Quantity	7000
Packaging Method	Strip

Product Compliance

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

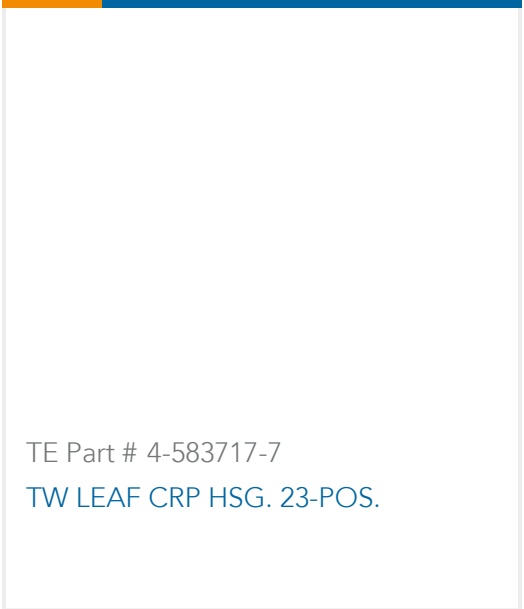
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not 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>



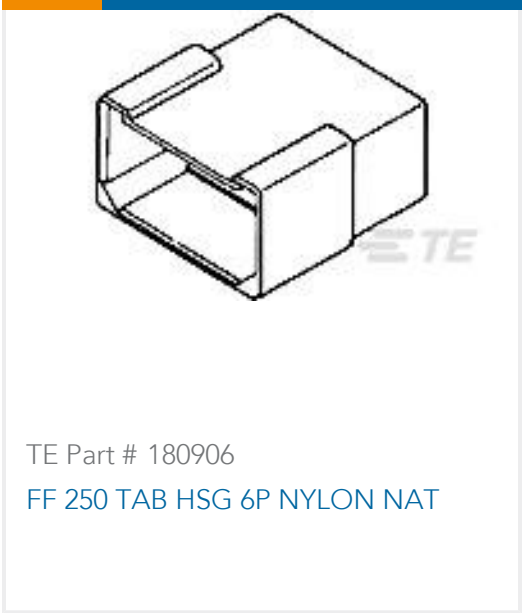
Compatible Parts

 TE Part # 2837926-1 OCEAN-2.0-APPLICATOR-S-062F0900-RSM	 TE Part # 2837926-2 OCEAN-2.0-APPLICATOR-S-062F0900-RSA	 TE Part # 7-2837926-7 OCEAN_2.0_SPARE_PART_KIT-062F0900	 TE Part # 7-2837926-1 OCEAN-2.0-APPLICATOR-S-062F0900
 TE Part # 7-2837926-2 OCEAN-2.0-APPLICATOR-S-062F0900	 TE Part # 4-583717-7 TW LEAF CRP HSG. 23-POS.	 TE Part # 4-583717-8 TW LEAF CRP HSG 3 POS	

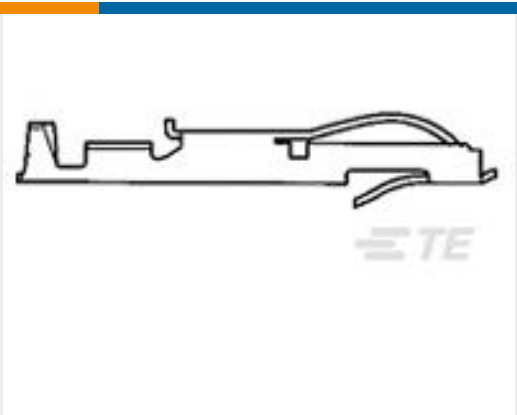
Also in the Series | AMP Twin-Leaf

 Connector Contacts(15)	 Insertion & Extraction Tools(1)	 Wire-to-Board Connector Assemblies & Housings(17)
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Customers Also Bought

 TE Part # 2151030-1 OCEAN_2.0-APPLICATOR-S-062F110F-RSM	 TE Part # 180906 FF 250 TAB HSG 6P NYLON NAT	 TE Part # 172341-1 MINI UMNL PLUG HOUSING 12P	 TE Part # 794275-1 06P UMNL INTERFACE SEAL
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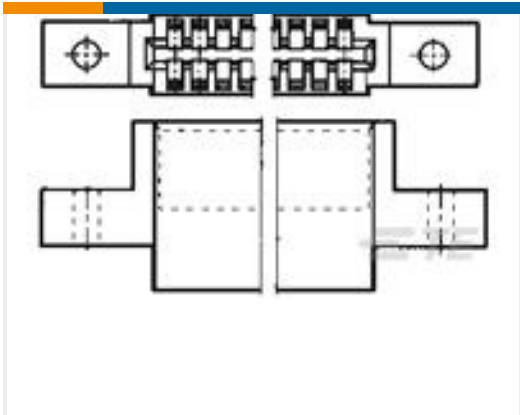




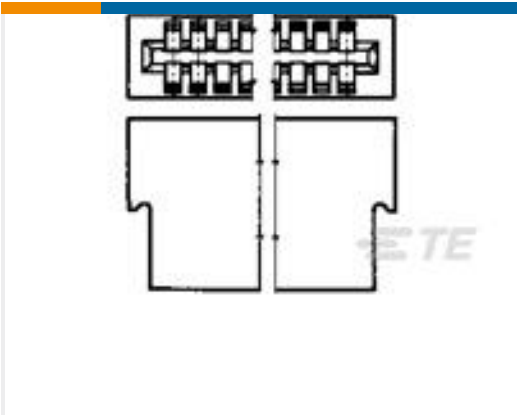
TE Part # 5-583853-3
TWIN LEAF TERM. STRIP CSTL



TE Part # 170030-1
FF 250 TAB 20-14AWG BR



TE Part # 1-583718-5
TW LEAF CRP HSG. 40-POS.



TE Part # 1-583717-1
TW-LEAF CRP HSG 25 POS 100 C/L



TE Part # DT04-6P-CE02
REC, 6P, BLK, E



TE Part # DT06-2S-CE13
PLG, 2P, BLK, E, SEAL RET, XCAP

Documents

Product Drawings

CONT.CRP.SNAP TW.LF.STRIP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-583649-3_BS_c-5-583649-3-bs.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-583649-3_BS_c-5-583649-3-bs.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-583649-3_BS_c-5-583649-3-bs.3d_stp.zip

English

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

Product Specifications

Application Specification

English