583875-6 DO NOT USE FOR NEW DESIGN

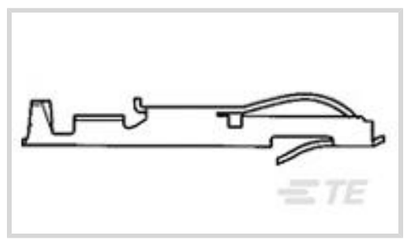
AMP

TE Internal #: 583875-6

Gold (Au), Socket Contact, 20 – 16 AWG, .5 – 1.4 mm² Wire, Locking Lance Contact Retention, 1020 – 2580 CMA, Crimp, Phosphor Bronze, Power & Signal

View on TE.com >

Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold (Au)**

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

Contact Retention Within Housing: **With**

Contact Retention Type Within Housing: **Locking Lance**

Features

Contact Features

PCB Contact Termination Area Plating Material	Nickel
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
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

Dimensions

Wire Size	1020 – 2580 CMA
Compatible Insulation Diameter Range	1.85 – 2.29 mm[.073 – .09 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Identification Marking

Contact Color Code	White

Packaging Features

Packaging Quantity	1000
Packaging Method	Loose Piece

Product Compliance

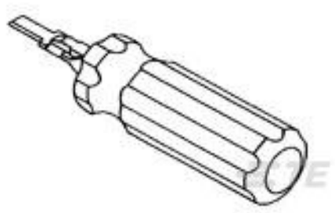
For compliance documentation, visit the product page on TE.com>

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 4690948374) **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	Low Halogen - Br, Cl, F < 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 # 91073-1
TW LF EXT TOOL

Customers Also Bought



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



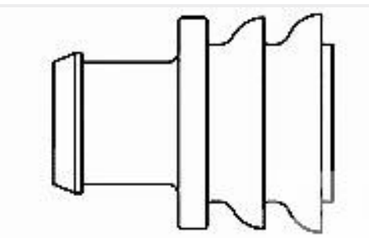
TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

Documents

Product Drawings

L P OF 583875-5

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_583875-6_AT.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_583875-6_AT.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_583875-6_AT.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