5-583361-2 ✔ ACTIVE

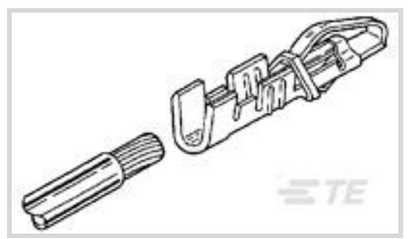
AMP-LEAF

TE Internal #: 5-583361-2

Socket Contact, Tin, Locking Lance Contact Retention, 22 - 18 AWG Wire Size, .3 - .9 mm² Wire Size, 642 - 1624 CMA Wire Size, Crimp, Phosphor Bronze

View on TE.com >

Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin**

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

Contact Retention Within Housing: **With**

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

Features

Electrical Characteristics

Insulation Resistance	5000 MΩ

Contact Features

Wire Contact Termination Area Plating Material Finish	Matte
PCB Contact Termination Area Plating Material	Tin
Contact Type	Socket
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Tin
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

Wire Insulation Support	With
Contact Retention Type Within Housing	Locking Lance

Dimensions

Compatible Insulation Diameter Range	1.4 - 2.03 mm[.055 - .08 in]

Wire Size	642 - 1624 CMA

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Quantity	6000
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 # 1-626466-1
CONECTOR EDGE



TE Part # 1-626466-3
CONECTOR EDGE



TE Part # 2-626466-1
CONECTOR EDGE



TE Part # 2-626522-1
CONECTOR EDGE



TE Part # 2-626522-2
CONECTOR EDGE



TE Part # 2-626522-4
CONECTOR EDGE



TE Part # 2-626522-5
CONECTOR EDGE



TE Part # 2-626522-8
CONECTOR EDGE



TE Part # 2266429-1
OCEAN_2.0_APPLICATOR-S-062F090F-RSM



TE Part # 2266429-2
OCEAN_2.0_APPLICATOR-S-062F090F-RSA



TE Part # 2266599-2
OC-AT-S-FA-062F090F-752-0426



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



TE Part # 3-626466-3
CONECTOR EDGE



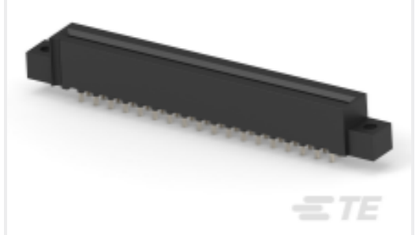
TE Part # 3-626522-0
CONECTOR EDGE



TE Part # 3-626522-1
CONECTOR EDGE



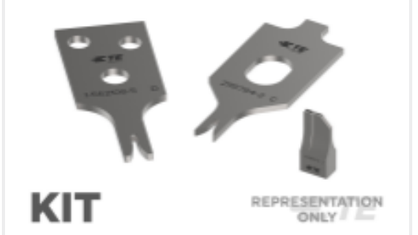
TE Part # 3-626522-2
CONECTOR EDGE



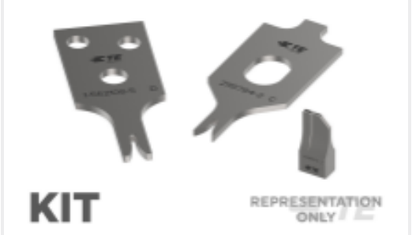
TE Part # 626522-5
CONECTOR EDGE



TE Part # 626522-7
CONECTOR EDGE



TE Part # 7-2266429-7
OCEAN_2.0_SPARE_PART_KIT-062F090F



TE Part # 7-2266599-7
OC-110F220F-CRIMPTOOLINGKIT

Customers Also Bought



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



TE Part # W2S
Wedgelocks: DEUTSCH DT



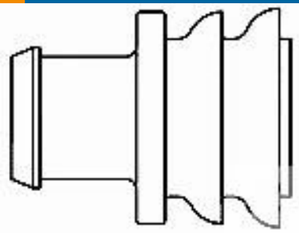
TE Part # 0460-202-16141
DEUTSCH Solid Contacts



TE Part # 282104-1
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



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



TE Part # 281934-2
SINGLE WIRE SEAL



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

Documents

Product Drawings

CONT AMP LF

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-583361-2_DH_c-5-583361-2-dh.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-583361-2_DH_c-5-583361-2-dh.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-583361-2_DH_c-5-583361-2-dh.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Product Specifications

Application Specification

English

Application Specification

Japanese

AMP-LEAF Contact

English

Application Specification

Japanese

AMP-LEAF Contacts

Japanese