

AMP-LEAF

TE Internal #: 5-583361-2
Tin (Sn), Socket Contact, 22 – 18 AWG, .3 – .9 mm² Wire, Locking
Lance Contact Retention, 642 – 1624 CMA, Crimp, Phosphor
Bronze, Power & Signal

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Tin (Sn)**
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

PCB Contact Termination Area Plating Material	Tin
Contact Type	Socket
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	5 A
Wire Contact Termination Area Plating Material Finish	Matte

Termination Features

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

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Wire Insulation Support	With

Dimensions

Wire Size	642 – 1624 CMA
-----------	----------------



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

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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
--	---

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





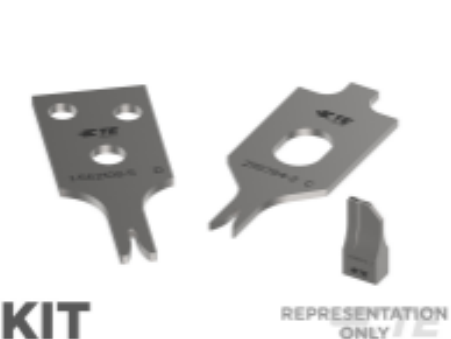
TE Part # 2266429-1
[OCEAN_2.0_APPLICATOR-S-062F090F-RSM](#)



TE Part # 2266429-2
[OCEAN_2.0_APPLICATOR-S-062F090F-RSA](#)



TE Part # 2305570-1
[Strip Terminal Cutter-Side Feed-No Crimp](#)



TE Part # 7-2266429-7
[OCEAN_2.0_SPARE_PART_KIT-062F090F](#)

Customers Also Bought



TE Part #32588
[TERMINAL,PIDG SPD 12-10 8](#)



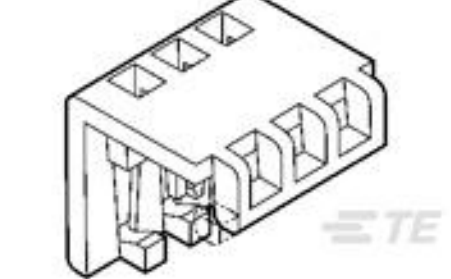
TE Part #42710-2
[205 FASTON REC 22-18 AWG TPBR](#)



TE Part #63705-1
[125 FASTON REC 22-18 AWG BR](#)



TE Part #206708-1
[CPC PLUG ASSEMBLY SIZE 13-9](#)



TE Part #643075-8
[08P MTA100 MOLDED COVER](#)

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 Conditions](#) of use.



Product Specifications

Application Specification

English

Application Specification

Japanese

AMP-LEAF Contact

English

Application Specification

Japanese

AMP-LEAF Contacts

Japanese