



AMP | AMP Twin-Leaf

TE Internal #: 5-583853-3

Gold (Au), Socket Contact, 24 – 20 AWG, .2 – .6 mm² Wire, Locking Lance Contact Retention, 404 – 1020 CMA, Discrete Wire, Crimp, AMP Twin-Leaf

[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**

Contact Retention Within Housing: **With**

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

Features

Product Type Features

Discrete Wire Type	Stranded
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Contact Features

PCB Contact Termination Area Plating Material Finish	Matte
Contact Length	17.27 mm[.68 in]
PCB Contact Termination Area Plating Material	Tin
Barrel Type	Open
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	5 A



Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	.76 µm[30 µin]

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	404 – 1020 CMA
Compatible Insulation Diameter Range	1.22 – 1.52 mm[.048 – .06 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Identification Marking

Contact Color Code	Green
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Packaging Features

Packaging Quantity	7000
Packaging Method	Reel

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



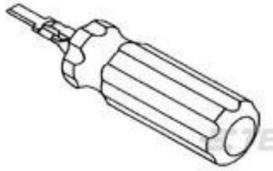
TE Part # 2151985-1
OCEAN_2.0_APPLICATOR-S-055F062O-RSM



TE Part # 91535-1
CCII TWIN LEAF 24-20 ASSY



TE Part # 2151985-2
OCEAN_2.0_APPLICATOR-S-055F062O-RSA



TE Part # 91073-1
TW LF EXT TOOL



KIT
REPRESENTATION ONLY

TE Part # 7-2151985-7
OCEAN_2.0_SPARE_PART_KIT-055F062O

Also in the Series | [AMP Twin-Leaf](#)



Card Edge Connector Housings(17)



Connector Contacts(9)



Insertion & Extraction Tools(1)



Power Contacts(9)

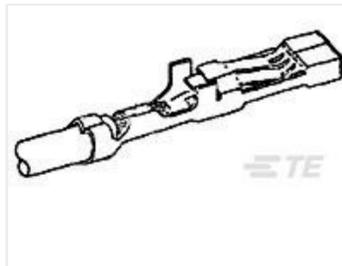
Customers Also Bought



TE Part #100504L
CONT SOC ASSY



TE Part #163300-6
MATENLOK SOCKET TP



TE Part #170286-1
MIC REC CONTACT



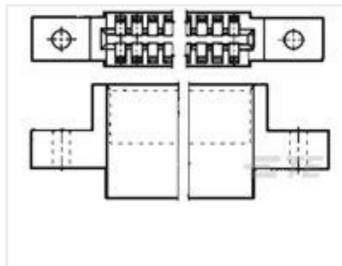
TE Part #CAT-T4827-CH8172
Timer Connector Housing



TE Part #2-1625931-8
MCU 1K 10% 1*PL



TE Part #1-1825007-6
DRD16E04=ROT DIP,16P



TE Part #583718-1
TW-LEAF CRP HSG 10 POS 100 C/L



TE Part #0068670002
TRSA-1019/G/1/2



TE Part #0068670006
TRSA-1019/G/1/A

Documents

Product Drawings

TWIN LEAF TERM. STRIP CSTL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-583853-3_BR.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_5-583853-3_BR.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-583853-3_BR.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_5-583853-3_V1.3d_igs.zip](#)

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[3D PDF](#)

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Customer View Model

[ENG_CVM_5-583853-3_V1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_5-583853-3_V1.3d_stp.zip](#)

English

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[Product Specifications](#)

[Application Specification](#)

English