



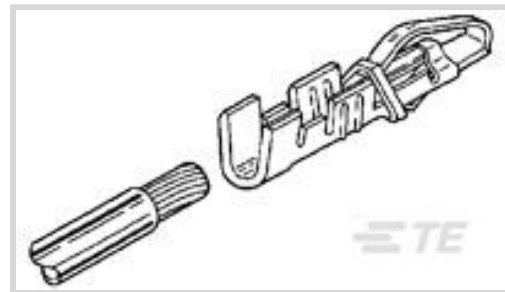
AMP-LEAF

TE Internal #: 583204-2

Connector Contact, Socket, Wire-to-Board, 26 – 22 AWG Wire Size, 254.1 – 642.5 CMA Wire Size, .12 – .4 mm<sup>2</sup> Wire Size, Gold, Strip, Wire & Cable

[View on TE.com >](#)

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Contacts



Contact Type: **Socket**

Connector System: **Wire-to-Board**

Wire Size: .12 – .4 mm<sup>2</sup>

**Features**

**Product Type Features**

Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

**Contact Features**

Contact Retention Within Housing	With
Wire Contact Termination Area Plating Material	Gold Flash
	30 μin
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Gold Flash
Contact Base Material	Phosphor Bronze
Contact Type	Socket
Contact Mating Area Plating Material	Gold

**Termination Features**

Termination Method to Wire & Cable	Crimp
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**Mechanical Attachment**

Contact Retention Type Within Housing	Locking Lance
Wire Insulation Support	With

**Dimensions**

Compatible Insulation Diameter Range	1.27 – 1.63 mm [.05 – .064 in]
Wire Size	.12 – .4 mm <sup>2</sup>



### Operation/Application

Circuit Application	Power & Signal
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### 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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 2305570-1  
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 465195-1  
AMP-LEAF EXTRACTION TOOL



TE Part # 2-2151986-1  
OC-PA-S-FM-055F090F-001-0000



TE Part # 2-2151986-2  
OC-PA-S-FA-055F090F-001-0000



TE Part # 2151986-1  
OC-AT-S-FM-055F090F-001-0000



TE Part # 2151986-2  
OC-AT-S-FA-055F090F-001-0000



TE Part # 2217743-1  
CCII AMP LEAF CONT 26-18 ASSY




TE Part # 531271-2  
15 POS DUAL AMP LEAF HSG




**KIT**  
REPRESENTATION ONLY

TE Part # 7-2151986-7  
OC-055F090F-CRIMPTOOLINGKIT

### Customers Also Bought



TE Part #806696-000  
202A121-25-0



TE Part #5299850001  
HT-SCE-1-1/2-2.0-0



TE Part #794896-1  
2 CIR MINI UMNL RND WIRE HOLES



TE Part #485029-1  
RING 18-14 AWG TPBR



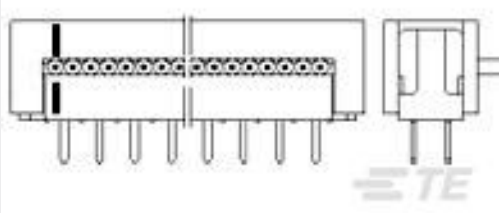
TE Part #160533-2  
110 FASTON,REC.,20-17 AWG,TPBR



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



TE Part #1473416-1  
SUPER SEAL 26POS PLUG ASSY



TE Part #1-216791-4  
AMP LATCH D/P ASSY



## Documents

### Product Drawings

#### CONT AMP LF

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_583204-2\\_DF.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_583204-2\\_DF.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_583204-2\\_DF.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[POWER\\_CONNECTORS\\_CATALOG\\_SEC02\\_CABLE\\_MOUNTED](#)

English

### Product Specifications

#### Application Specification

English

#### Application Specification

Japanese

#### AMP-LEAF Contact

English

#### Application Specification

Japanese

#### AMP-LEAF Contacts

Japanese

### Product Environmental Compliance

#### TE Material Declaration



English