

1-583861-1

DO NOT USE FOR NEW DESIGN

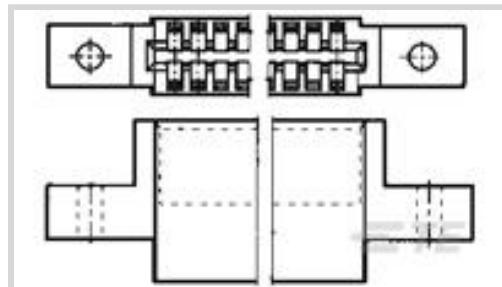
AMP | AMP Twin-Leaf

TE Internal #: 1-583861-1

Housing, Receptacle, Wire-to-Board, 17 Position, 2.54 mm [.1 in]
 Centerline, Crimp, 2 Row, Black, Printed Circuit Board, Power &
 Signal, AMP Twin-Leaf

[View on TE.com >](#)

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **17**

Centerline (Pitch): **2.54 mm [.1 in]**

Features

Industry Standards

UL Flammability Rating	UL 94V-0
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Glow Wire Rating	Standard Part - Not Glow Wire
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Dimensions

2.53 in

Packaging Features

Packaging Method	Box
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Packaging Quantity	275
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Mechanical Attachment

Panel Mount Feature Type	Mounting Ears
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Strain Relief	Without
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Mating Retention	With
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Connector Mounting Type	Board Mount
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Housing Features

Housing Material	Polyester GF
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Centerline (Pitch)	2.54 mm [.1 in]
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Configuration Features

Number of Dual Positions	17
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Number of Positions	17
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Number of Rows

2

Product Type Features

Connector Product Type

Housing

Connector & Housing Type

Receptacle

Connector System

Wire-to-Board

Connector & Contact Terminates To

Printed Circuit Board

Body Features

Primary Product Color

Black

Contact Features

Contact Current Rating (Max)

5 A

Termination Features

Termination Method to Wire & Cable

Crimp

Usage Conditions

Operating Temperature Range

-55 – 105 °C [-67 – 221 °F]

Operation/Application

Circuit Application

Power & Signal

Other

EU RoHS Compliance

Compliant

EU ELV Compliance

Compliant

Product ComplianceFor 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 2024 (241)

Candidate List Declared Against: JUNE 2024 (241)

Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

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>

Also in the Series | **AMP Twin-Leaf**

Connector Contacts(13)



Insertion & Extraction Tools(1)

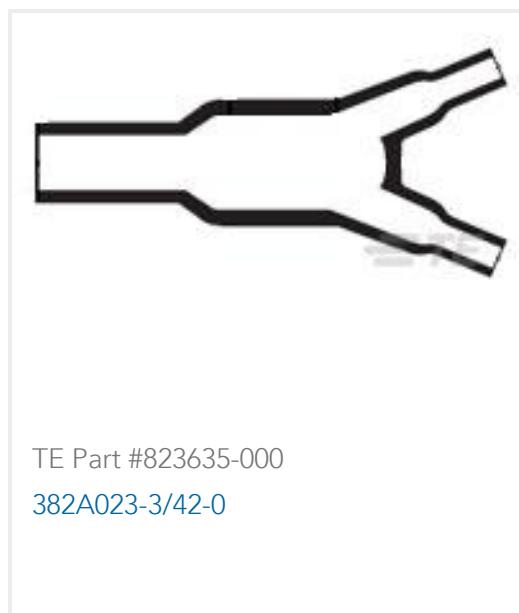


Power Contacts(11)



Wire-to-Board Connector Assemblies & Housings(17)

Customers Also Bought

TE Part #823635-000
382A023-3/42-0TE Part #5205731-1
CLAMSHELL ASSEMBLYTE Part #2-292227-0
1.5 MINI CT SGL H SMT W BOSS 2TE Part #62138-1
187 FASTON REC 24-20 TPBRTE Part #2-130014-1
TERM, R, PG, 22-16, M5, T&RTE Part #1-292227-5
1.5 MINI CT SGL H SMT W BOSS 1TE Part #192129-1
4MM 10B1S1/4-X 10-32TE Part #C78009-000
B-155-3805



Documents

Product Drawings

[TW-LEAF CRP. HSG 17 POS. 100 C](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1-583861-1_AK.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-583861-1_AK.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-583861-1_AK.3d_stp.zip](#)

English

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

Product Specifications

[Product Specification](#)

English

[Product Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

UL

English