583859-5 DO NOT USE FOR NEW DESIGN

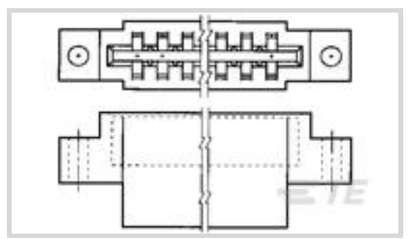
AMP | AMP Twin-Leaf

TE Internal #: 583859-5

Housing, Receptacle, Wire-to-Board, 18 Position, 3.96 mm [.156 in] Centerline, Crimp, 2 Row, Black, Printed Circuit Board, 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: **18**

Centerline (Pitch): **3.96 mm [.156 in]**

Features

Dimensions

	3.657 in

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	18
Number of Rows	2
Number of Dual Positions	18

Housing Features

Centerline (Pitch)	3.96 mm[.156 in]
Housing Material	Polyester GF

Termination Features

Termination Method to Wire & Cable	Crimp

Body Features

Primary Product Color	Black

Contact Features

Contact Current Rating (Max)	5 A

Operation/Application

Circuit Application	Power & Signal

Mechanical Attachment

Connector Mounting Type	Board Mount
Panel Mount Feature Type	Mounting Ears
Strain Relief	Without
PCB Mount Retention	Without

Usage Conditions

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

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Industry Standards

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

Packaging Features

Packaging Method	Carton
Packaging Quantity	200

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 2024 (241) Candidate List Declared Against: JAN 2022 (223) 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)



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

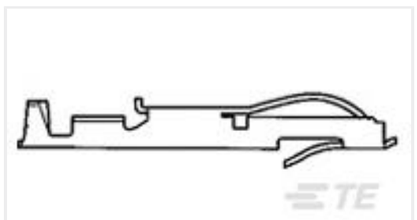
Customers Also Bought



TE Part #2-86566-0
FFC,RCPT CONTACT,ROUND WIRE,22



TE Part #1-331417-1
TERMINAL,SOLIS R 6HD 3/8



TE Part #5-583649-3
CONT.CRP.SNAP TW.LF.STRIP



TE Part #2-87456-6
30 MODIV HSG DR MRKD .100CL



TE Part #1-2103124-5
HEADER ASSY, Ag SHIELD, KEY E, HVA280-2P



TE Part #CM9762-000
CG80M16/1



TE Part #YDTS26F23-35PBV001
PLUG ASSY

Documents

Product Drawings

TW-LF CRP HSG 18 POS

English

Product Specifications

Product Specification

English

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL

English