



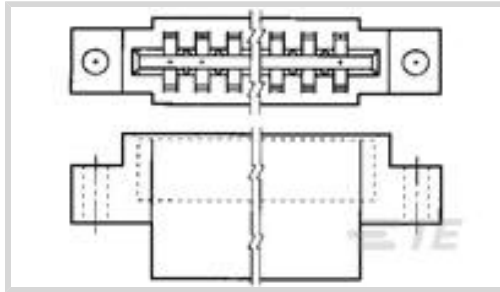
AMP | AMP Twin-Leaf

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**

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

**Contact Features**

Contact Current Rating (Max)	5 A
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**Termination Features**

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

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

**Housing Features**



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

### Dimensions

	.75 in
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### 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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### Industry Standards

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

### Packaging Features

Packaging Quantity	200
Packaging Method	Carton

## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

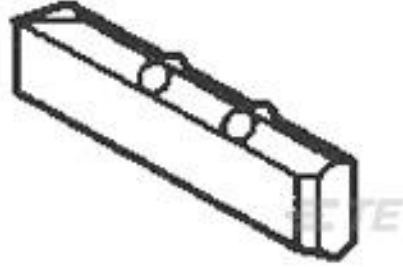
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

#### Product Compliance Disclaimer

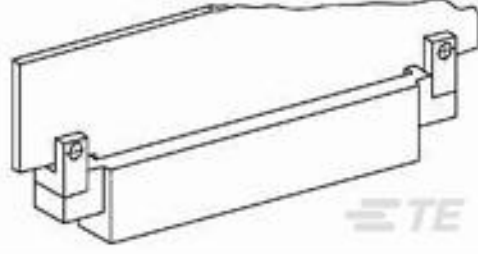
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

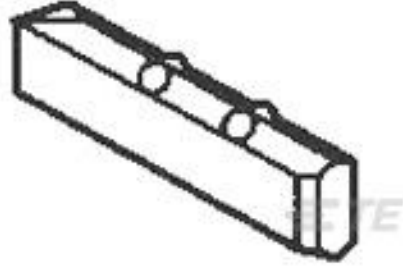
## Compatible Parts



TE Part # 583274-1  
KEYING PLUG




TE Part # 5-531250-4  
CARD EDGE BOARD RETAINER LF




TE Part # 583274-3  
KEYING PLUG


## Also in the Series | AMP Twin-Leaf



Insertion & Extraction Tools(1)



Wire-to-Board Connector Assemblies & Housings(27)



Wire-to-Board Connector Contacts(15)

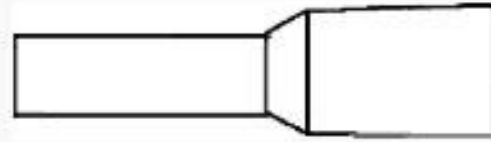
## Customers Also Bought



TE Part #66102-9  
III+ PIN,24-20,30AU/FL,STRIP



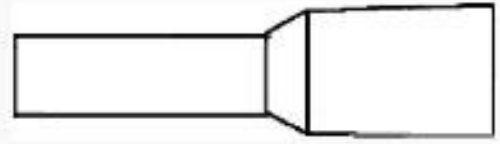
TE Part #3-644613-5  
05P MTA156 HDR RA PO WO PEG LF



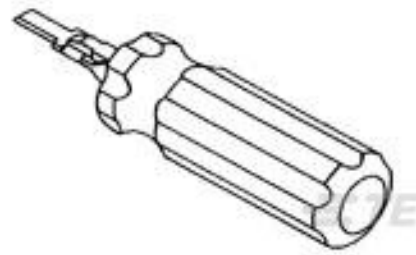
TE Part #966067-1  
ADERENDHULSE K WS



TE Part #103904-9  
10 MTE HDR SRRA LATCH W/HLDWN



TE Part #966067-2  
ADERENDHULSE N WS



TE Part #91073-1  
TW LF EXT TOOL



TE Part #440069-000  
5026A1317-0



TE Part #YAFD50-14-4SNC0120  
RECP ASSY



## Documents

### Product Drawings

[TW-LF CRP HSG 18 POS](#)

English

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### Product Specifications

[Product Specification](#)

English

[Product Specification](#)

English

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### Instruction Sheets

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

English

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### Agency Approvals

[UL Report](#)

English