

583861-7 ✓ ACTIVE

AMP | AMP 100CL

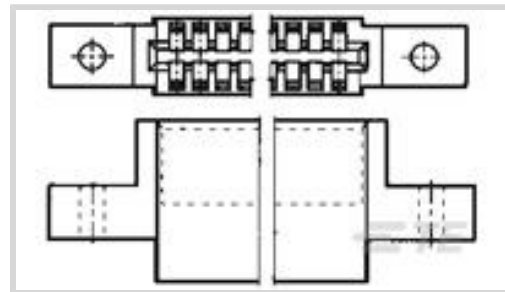
TE Internal #: 583861-7

Housing, Receptacle, Wire-to-Board, 10 Position, .1 in [2.54 mm]  
Centerline, Crimp, 2 Row, Black, Mating Retention, Printed Circuit  
Board, AMP 100CL

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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: **10**

Centerline (Pitch): **2.54 mm [ .1 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	10
Number of Positions	10
Number of Rows	2

### Body Features

Primary Product Color	Black
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### 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
Panel Mount Feature Type	Mounting Ears
Mating Retention	With



Connector Mounting Type	Board Mount
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### Housing Features

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

### 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	400
Packaging Method	Box

## Product Compliance

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

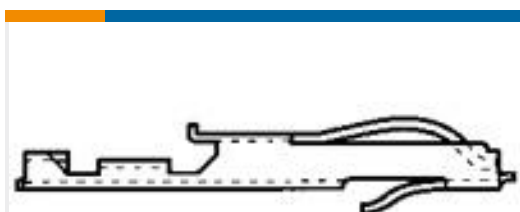
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

#### Product Compliance Disclaimer

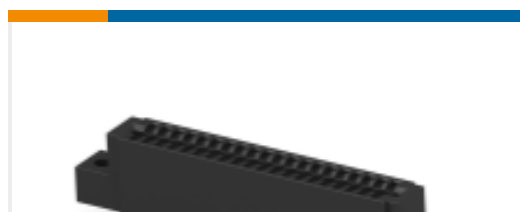
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 583857-7  
TWIN LEAF L.P. TERM.



TE Part # 2-583861-9  
20 D/P CSTL HOUSING 100 C/L

## Also in the Series | AMP 100CL



Wire-to-Board Connector Assemblies  
& Housings(1)

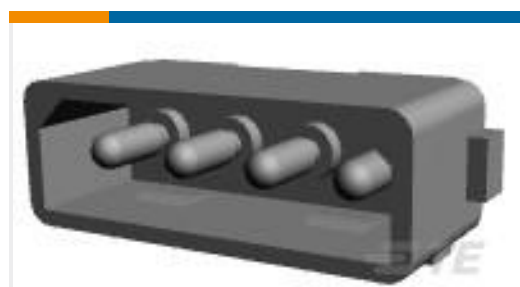
## Customers Also Bought



TE Part #2343522-7  
SFP56 STACKED 2X2 RECEPTACLE  
ASSEMBLY



TE Part #204505-1  
AMPLIMITE,ASY,PLUG,STD,90,3



TE Part #1586515-2  
04P CMNL HDR ASSY PC UL94 LF



TE Part #292303-2  
Std USB Type A, R/A, T/H



TE Part #969973-6  
2x6P HV100 REC. CON, SMD, GOLD,  
BLISTER



TE Part #1757819-4  
AMPLIMITE,ASY,PLUG,STD,109,ZN,4



TE Part #204509-1  
AMPLIMITE,ASY,PLUG,STD,90,5



TE Part #CTJ120E03D-513  
MODULE ASSY



TE Part #CTJ120E04A-513  
MODULE ASSY



TE Part #1-84533-6  
1.25MM FFC POST PLATED H 16P

## Documents

### Product Drawings

[10 POS. TWIN LEAF 100 C/L](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_583861-7\\_AK.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_583861-7\\_AK.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_583861-7\\_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

### Product Environmental Compliance

[TE Material Declaration](#)

English



### Instruction Sheets

#### Instruction Sheet (U.S.)

English

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### Agency Approvals

#### UL

English