



AMP SLIM

TE Internal #: 1909783-5

Housing, Receptacle, Wire-to-Board, 6 Position, 1.2 mm [.047 in]  
Centerline, Crimp, 1 Row, Black, Mating Retention, Wire & Cable,  
AMP SLIM

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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: **6**

Centerline (Pitch): **1.2 mm [.047 in]**

**Features**

**Product Type Features**

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

**Configuration Features**

Number of Positions	6
Number of Rows	1

**Housing Features**

Centerline (Pitch)	1.2 mm [.047 in]
Housing Material	PA 66
Housing Entry Configuration	Both Ends Closed

**Termination Features**

Termination Method to Wire & Cable	Crimp
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### Body Features

Primary Product Color	Black
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### Mechanical Attachment

Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Strain Relief	Without
Panel Mount Feature	Without
Mating Retention Type	Latch
PCB Mount Retention	Without

### Contact Features

Contact Current Rating (Max)	3 A
Contact Layout	Inline
Contact Type	Socket

### Operation/Application

Circuit Application	Power & Signal
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### Usage Conditions

Operating Temperature Range	-25 – 85 °C[-13 – 185 °F]
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### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

### Electrical Characteristics

Operating Voltage	50 VDC
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### Dimensions

Connector Width	3.5 mm[.138 in]
Connector Height	1.2 mm[.047 in]
Connector Length	8.26 mm[.325 in]

### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Method	Bag
Packaging Quantity	1000



## 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: JUNE 2024 (241) 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>

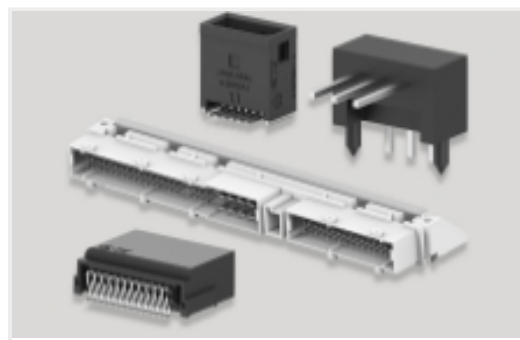
## Compatible Parts



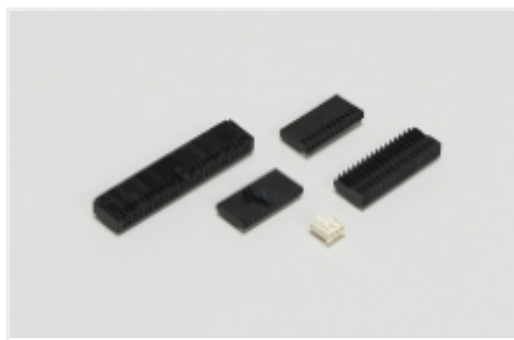
Also in the Series | **AMP SLIM**



Connector Contacts(1)

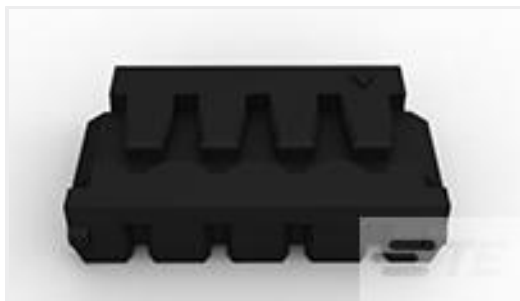


PCB Headers & Receptacles(5)



Wire-to-Board Connector Assemblies & Housings(5)

## Customers Also Bought



TE Part #1909783-3  
WIRE TO BOARD HOUSING 1.2MM  
TOP ENTRY



TE Part #1909784-1  
WIRE TO BOARD TERMINAL 1.2MM  
TOP ENTRY

## Documents

### Product Drawings

[WIRE TO BOARD HOUSING 1.2MM TOP ENTRY](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1909783-5\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1909783-5\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1909783-5\\_C.3d\\_stp.zip](#)

English

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

### Product Specifications

[Application Specification](#)

English