1909783-5 ✔ ACTIVE

AMP SLIM

TE Internal #: 1909783-5

6 Position, Receptacle, Housing, Crimp, Wire-to-Board, UL 94V-0, 1.2 mm [.047 in] Centerline, 1 Row, 50 VAC, Wire & Cable, Power & Signal, AMP SLIM

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors







Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Mating Retention Type: **Latch**

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

UL Flammability Rating: **UL 94V-0**

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

Electrical Characteristics

Operating Voltage	50 VDC

Body Features

Primary Product Color	Black

Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

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

Housing Features

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

Dimensions

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

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

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	Out of Scope
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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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

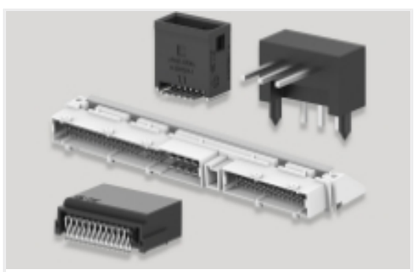


TE Part # 1909782-5
BOARD TO WIRE WAFER 1.2MM TOP ENTRY

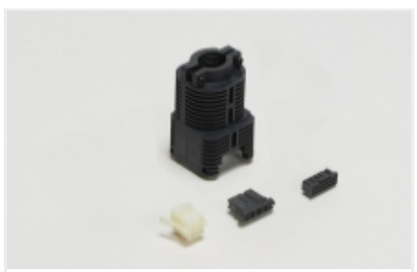
Also in the Series | AMP SLIM



Connector Contacts(1)



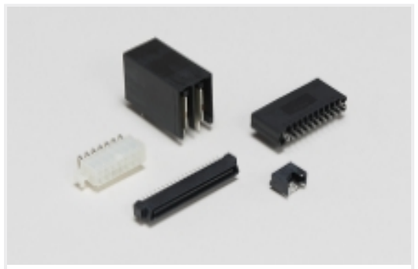
PCB Headers & Receptacles(5)



Rectangular Connector Housings(5)



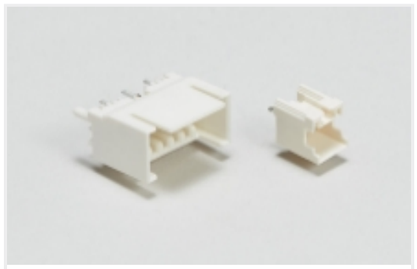
Rectangular Power Connectors(5)



Standard Rectangular Connectors(5)



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



Wire-to-Board Headers & Receptacles (5)

Customers Also Bought



TE Part #1217234-1
MAG-MATE TERM 28-31 013TPBR



TE Part #1-1625886-6
1W SM M/OX 5% 3R9



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

TE Part #5-22278-5
SPRING,COMPRESSION

TE Part #3-22287-6
SPRING,EXTENSION

TE Part #354294-1
TUBE DIVIDER

TE Part #679206-1
8MM PROXIMITY SWITCH ASSEMBLY

TE Part #1-804627-0
SHEAR BLADE, UPPER

TE Part #809580-1
BLADE, LOWER SHEAR

TE Part #1338141-1
INSERTER, POKE-IN

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