1909782-3 ✔ ACTIVE

AMP SLIM

TE Internal #: 1909782-3

PCB Mount Header, Right Angle, Wire-to-Board, 4 Position, 1.2 mm [.047 in] Centerline, Partially Shrouded, Gold Flash, Surface Mount, Signal, AMP SLIM

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles







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

Number of Positions: **4**

Number of Rows: **1**

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

PCB Mount Orientation: **Right Angle**

Features

Product Type Features

Connector System	Wire-to-Board
Header Type	Partially Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
PCB Connector Assembly Type	PCB Mount Header

Configuration Features

Connector Contact Load Condition	Fully Loaded
Number of Positions	4
Number of Rows	1
PCB Mount Orientation	Right Angle

Electrical Characteristics

Operating Voltage	50 VAC

Body Features

Primary Product Color	Black

Contact Features

PCB Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
Contact Layout	Inline
Contact Mating Area Plating Material Thickness	1.27 µm[50 µin]
PCB Contact Termination Area Plating Material Finish	Matte
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Gold Flash
Contact Type	Pin
Contact Current Rating (Max)	2 A

Termination Features

Termination Method to PCB	Surface Mount

Mechanical Attachment

Mating Alignment Type	Polarization
Mating Retention	With
PCB Mount Retention Type	Solder Peg
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	With

Housing Features

Housing Material	LCP GF30 (Liquid Crystal Polymer)
Centerline (Pitch)	1.2 mm[.047 in]

Dimensions

Connector Length	6.6 mm[.259 in]
Connector Height	1.4 mm[.055 in]
Connector Width	4.3 mm[.169 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	4000
Packaging Method	Reel

Product Compliance

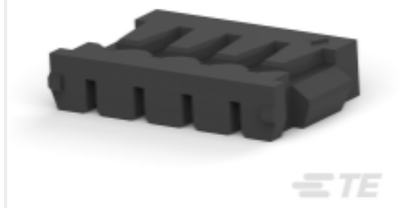
For compliance documentation, visit the product page on TE.com>

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 2022 (224) 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	Reflow solder capable to 260°C

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

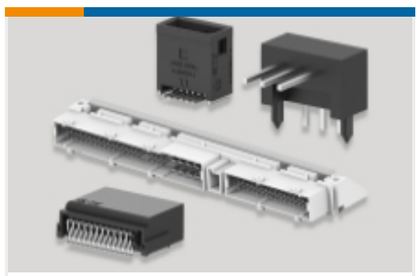


TE Part # 1909783-3
WIRE TO BOARD HOUSING 1.2MM TOP ENTRY

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 #5747252-4
37 MSFL PLUG RA 318 (IN,FM)



TE Part #1879378-7
TLR 2512 2.0W R0005 1% 50PPM 2K RL



TE Part #8-1437565-0
FSMCTTR=TACTILE SWITCH T&R



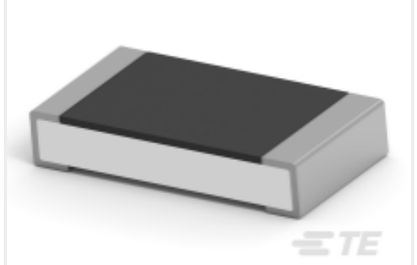
TE Part #9-1879494-7
CRGH0603 5% 10K 0.2W



TE Part #2-1879350-8
RR01 5% 3R0 AMMO



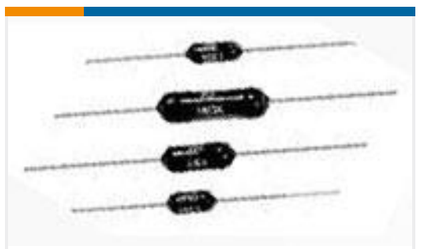
TE Part #2071508-1
OJT-SS-105HM,00000



TE Part #2-2176390-2
RQ 1206 1K91 0.1% 10PPM 5K RL



TE Part #2041517-1
MINI USB, RCPT,V/T,DIP, B TYPE,30u" Au



TE Part #3-1879658-4
H4 237R 0.1% 15PPM

Documents

Product Drawings

BOARD TO WIRE WAFER 1.2MM TOP ENTRY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1909782-3_A4.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1909782-3_A4.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1909782-3_A4.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

2005330-1 3430B2F51RTDF MPT100C18RF SMW73R0JT 1-794222-0 141991-2 2380312-2 2834055-1 650075-000 175977-2 CPF0402B37K4E1 SBCHE64R7K 3631B101LL ROX05SJ18R 1-962915-1 1393431-1 3-1393225-0 SBCHE154R7K TE50BR39J U5254-000005-030PA 2310537-1 1743455-2 1903112-2 2-292161-3 2377783-2 917696-1 RH73H2A40MKTN 1969656-1 936348-1 CRGCQ2010J3K3