

AMP SLIM

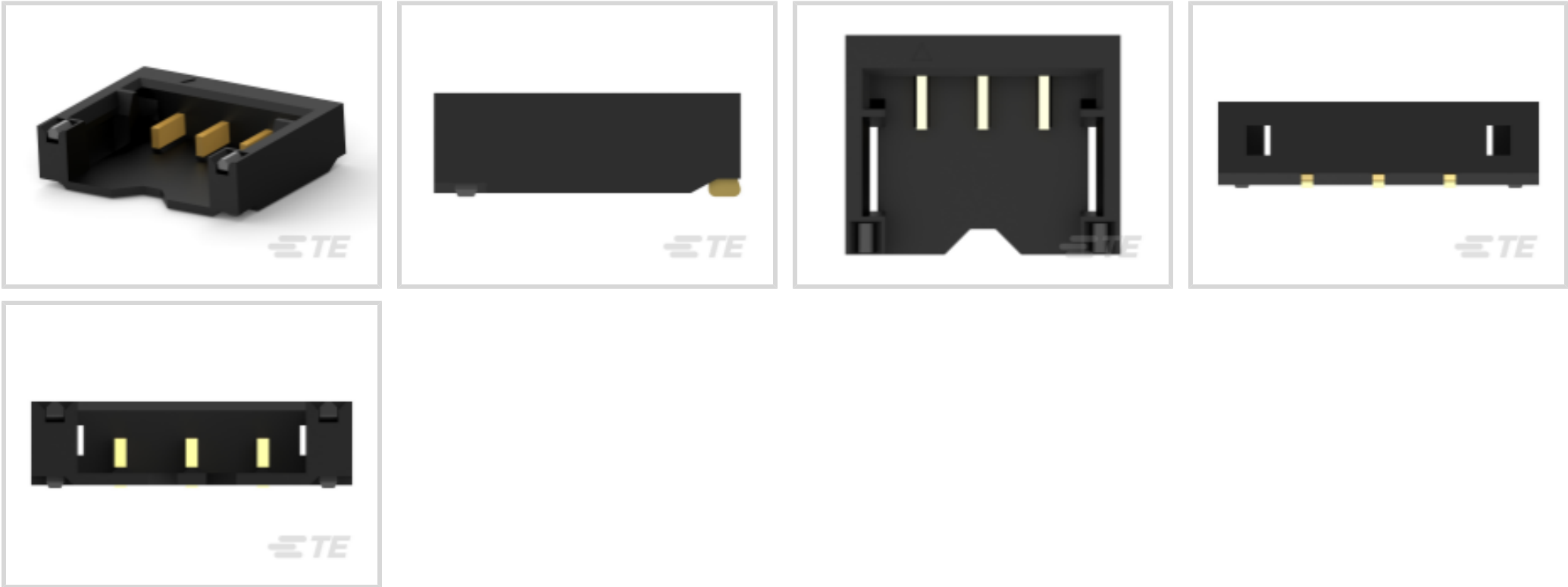
TE Internal #: 1909782-2

AMP SLIM, PCB Mount Header, Right Angle, Wire-to-Board, 3 Position, 1.2mm [.047in] Centerline, 1 Row, Gold Flash, Black Housing Color

[View on TE.com >](#)



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **3**

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

Features

Product Type Features

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

Configuration Features

Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Right Angle
Number of Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	50 VAC
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Contact Features

Contact Layout	Inline
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Contact Retention Within Housing	Without
PCB Contact Termination Area Plating Material Thickness	2.54 μm[100 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 Mating Area Plating Material Thickness	1.27 μm[50 μin]
Contact Type	Pin
Contact Current Rating (Max)	2 A

Termination Features

Termination Method to Wire & Cable	Crimp
Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Length	5.4 mm[.213 in]
Connector Height	1.4 mm[.055 in]
Connector Width	4.3 mm[.169 in]
Wire Size	28 AWG

Usage Conditions

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

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 # 1909783-2
WIRE TO BOARD HOUSING 1.2MM
TOP ENTRY

Also in the Series | AMP SLIM



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

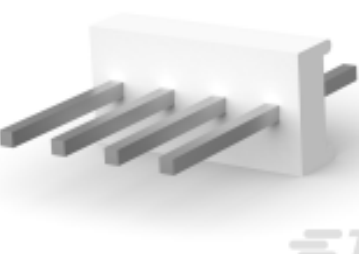


Wire-to-Board Connector Contacts(1)

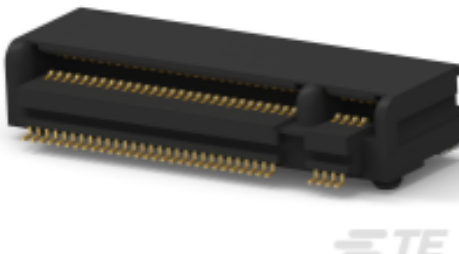


Wire-to-Board Headers & Receptacles
(5)

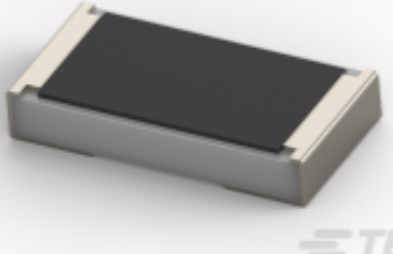
Customers Also Bought



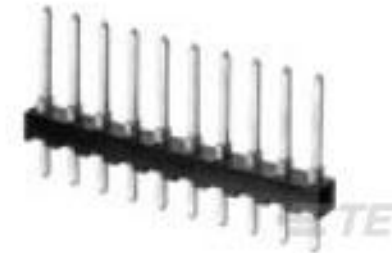
TE Part #1-640452-4
Polyester Vertical PCB Header: 2.54
mm, Unshrouded, No Mating
Alignment



TE Part #1-2199119-6
M.2 CONNECTORS



TE Part #1-2176232-1
SMD Power Resistor: 3 Watt, 1% Tol



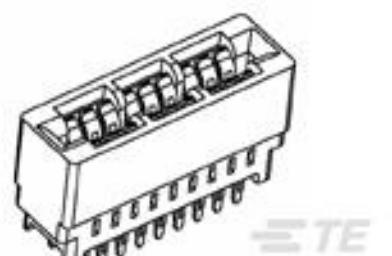
TE Part #87224-3
03 MODII HDR SRST UNSHRD .100



TE Part #1825057-1
ADE0204=DIP SWITCH,EXT,THRU/HL



TE Part #1-2176090-0
RP 1J 0.166W 162K 0.1% 25PPM 1K RL



TE Part #1888946-2
CONNECTOR ASSEMBLY, SEC II
POWER, DUAL P



TE Part #1909782-1
BOARD TO WIRE WAFER 1.2MM TOP
ENTRY



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



TE Part #111825-7
033/034 LOPRO HDR SP 15DP



Documents

Product Drawings

BOARD TO WIRE WAFER 1.2MM TOP ENTRY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1909782-2_A4.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1909782-2_A4.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1909782-2_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

Product Environmental Compliance

TE Material Declaration

English