5-103765-3 ✔ ACTIVE

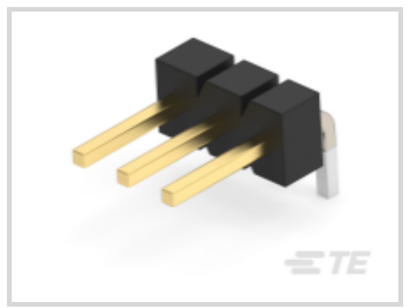
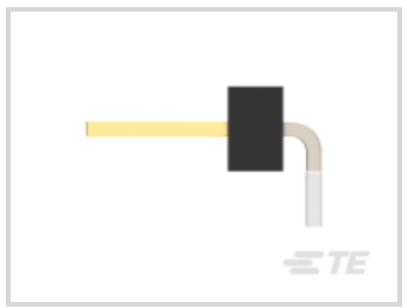
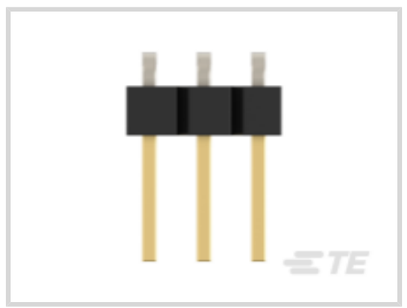
AMPMODU

TE Internal #: 5-103765-3

PCB Mount Header, Right Angle, Board-to-Board, 3 Position, 2.54 mm [.1 in] Centerline, Breakaway, Gold (Au), Through Hole - Solder, Signal, Black

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

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

Number of Positions: **3**

Number of Rows: **1**

Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

PCB Connector Type	PCB Mount Header
Connector System	Board-to-Board
Header Type	Breakaway
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Number of Positions	3
Number of Rows	1
PCB Mount Orientation	Right Angle
Board-to-Board Configuration	Perpendicular

Body Features

Primary Product Color	Black

Contact Features

Contact Shape & Form	Square
PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 µm[100 – 200 µin]
Contact Underplating Material	Nickel
Contact Base Material	Copper Alloy
Contact Underplating Material Thickness	1.27 µm[50 µin]
PCB Contact Termination Area Plating Material	Tin
PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Connector Mounting Type	Board Mount
Mating Alignment	Without
PCB Mount Alignment	Without
PCB Mount Retention	Without

Housing Features

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

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Carton

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 2025 (250) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°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 # 487378-2
003 HOUSING FFC RCPT 100CL SR

Customers Also Bought



TE Part #T4131512051-000
M12,REAR MOUNT,FEMALE,D,5P, SOLDER WIRE



TE Part #CS9491-000
SEB-B



TE Part #T4113501051-000
M12,MALE,RA,D CODE,5P,PG7,GOLD



TE Part #6-104068-1
24 SYSTEM 50 HDR DRST SHRD



TE Part #6-104069-1
16 sys 50 hdr drra shrd sn



TE Part #6-104069-2
24 sys 50 hdr drra shrd sn



TE Part #CAT-F439-R2435127
FFC Receptacle Housing: 1.27mm



TE Part #6-534998-2
24 MODIV VRT DR CE 100/125



TE Part #6-534998-5
30 MODIV VRT DR CE 100/125

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_5-103765-3_F.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_5-103765-3_F.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_5-103765-3_F.3d_stp.zip

English

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