5-825437-0 ✔ ACTIVE

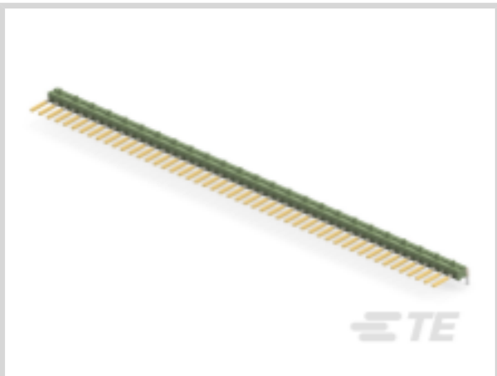
AMPMODU | AMPMODU Headers

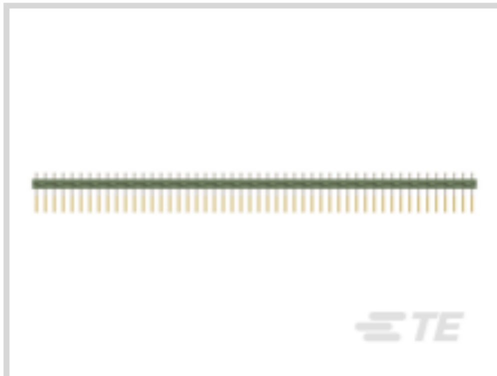
TE Internal #: 5-825437-0

PCB Mount Header, Right Angle, Board-to-Board, 50 Position, 2.54 mm [.1 in] Centerline, Breakaway, AMPMODU Headers

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles





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

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **50**

Number of Rows: **1**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Board-to-Board
Header Type	Breakaway
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	50
Number of Rows	1
Board-to-Board Configuration	Perpendicular

Electrical Characteristics

Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	750 Vrms

Body Features

Primary Product Color	Green

Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	2.5 µm
Contact Shape & Form	Square
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Mating Area Plating Material	Gold or Gold Flash over Palladium Nickel
Contact Mating Area Plating Material Thickness	.8 µm[31.5 µin]
Contact Type	Pin
Contact Current Rating (Max)	5 A

Termination Features

Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Post & Tail Length	3.2 mm[.126 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

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

Housing Features

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

Dimensions

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

Usage Conditions

Housing Temperature Rating	Standard
Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

Compatible With Agency/Standards Products	CSA, UL
Compatible With Approved Standards Products	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	250
Packaging Method	Box

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

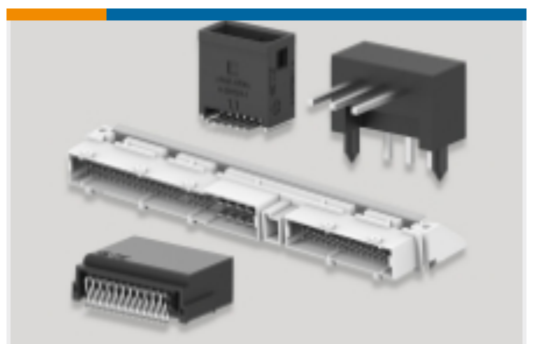
TE Part # 5-925369-0
MOD.HSG 50 P.

Also in the Series | AMPMODU Headers

Connector Caps & Covers(1)

Connector Contacts(64)

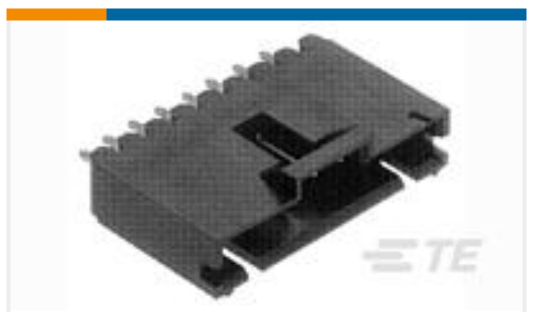
Connector Hardware(2)



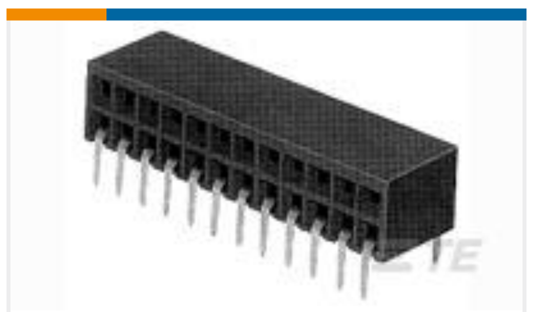
PCB Headers & Receptacles(3493)

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

Customers Also Bought

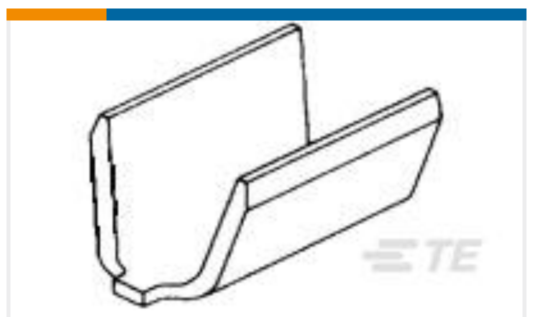


TE Part #5-103908-1
02 MTE HDR SRST LATCH W/HLDWN



TE Part #216604-6
2X 6P HV190FEDERLEI

TE Part #1-770182-0
09P MINI-UMNL ASSY V0 SNNI



TE Part #41459
SPLICE 800-2600 CMA BR

TE Part #5-1393252-5
W67-X2Q12-10=M6/M7/M9/W6/W7

TE Part #7-1546158-8
6PCV-20-1361=6 SERIES SPECIAL

TE Part #1-215309-8
2X18P HV100 REC CON. TE, 8.5MM

TE Part #5-175638-0
1.25FP,R20,DL,B,N,TR

TE Part #1571262-4
SWITCH,TACTILE,SMT,W/BOSS,T&R

TE Part #2-1981350-0
1.25FP HDR SMT DBL 5 20P O/TAP, Kapton

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-825437-0_V.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-825437-0_V.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-825437-0_V.3d_stp.zip

English

Agency Approvals

UL Report

English