828083-9 ✔ ACTIVE

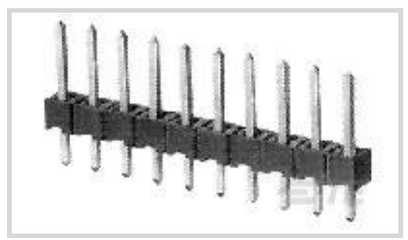
AMPMODU | AMPMODU Headers

TE Internal #: 828083-9

AMPMODU Headers, PCB Mount Header, Vertical, Board-to-Board, 9 Position, 2.54mm [.1in] Centerline, Breakaway, Tin, Printed Circuit Board, Signal

View on TE.com >

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



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

PCB Mount Orientation: **Vertical**

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

Number of Positions: **9**

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

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

Number of Rows	1
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	9
Board-to-Board Configuration	Parallel

Body Features

Connector Profile	Standard
Post Size	.63 mm[.0248 in]

Contact Features

PCB Contact Termination Area Plating Material Thickness	2 µm
Contact Shape & Form	Square
Contact Underplating Material	Nickel

Contact Base Material	CuSn
Contact Mating Area Plating Material	Tin
Contact Type	Pin

Termination Features

Termination Post & Tail Length	3.3 mm[.13 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 Color	Green
Housing Material	PBTP GV

Usage Conditions

Housing Temperature Rating	Standard
Operating Temperature Range	-65 – 105 °C

Operation/Application

Solder Process Feature	Board Standoff
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Other

Position Locations Omitted	None

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	

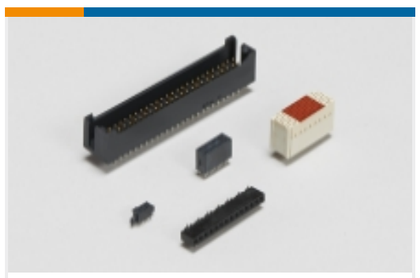
	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JAN 2020 (205) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JAN 2020 (205)
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Also in the Series | AMPMODU Headers

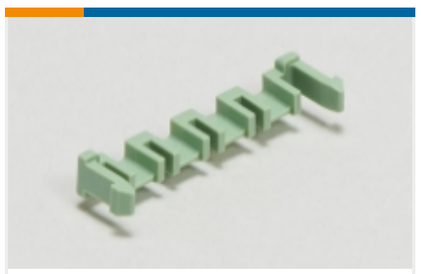
Automotive, Truck, Bus, & Off-Road Headers(10)



Board-to-Board Headers & Receptacles(5302)

PCB Connector Mounting(1)

PCB Connector Shrouds(1)



PCB Latches, Locks & Retainers(2)

Wire-to-Board Connector Assemblies & Housings(3)

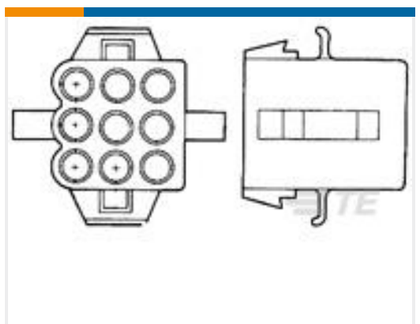
Wire-to-Board Connector Contacts(45)

Wire-to-Board Headers & Receptacles (76)

Customers Also Bought

TE Model / Part #2177786-5
7POS, MIXED,HSG, IEC62196-2 TYPE 2,Left

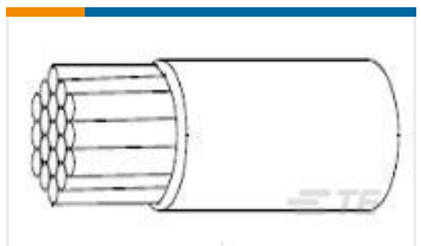
TE Model / Part #CV36666001
QSZH-125-NR4-65MM



TE Model / Part #1-480672-4
09P .140 MNL PLUG YEL

TE Model / Part #1823734-2
PIN DIA 6.35,25SQMM; CRIMP

TE Model / Part #2151556-1
OC-AT-S-FM-080F160O-001-0220



TE Model / Part #CT57013001
55A0111-14-09

Documents

Product Drawings

9P MOD 2 STIFTLEI

English

Datasheets & Catalog Pages

AMPMODU Interconnetion System

AMPMODU Interconnetion System

English