



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



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

PCB Mount Orientation: **Vertical**

Number of Positions: **6**

Centerline (Pitch): **3.96 mm [.156 in]**

Header Type: **Breakaway**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Header Type	Breakaway
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	6

Contact Features

Contact Mating Area Length	11 mm[.433 in]
PCB Contact Termination Area Plating Material Thickness	2.5 µm
Mating Tab Width	1.6 mm[.063 in]
Mating Tab Thickness	.8 mm[.031 in]
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Mating Area Plating Material	Tin-Lead
Contact Type	Pin



Termination Features

Rectangular Termination Post & Tail Thickness	.8 mm[.031 in]
Rectangular Termination Post & Tail Width	.9 mm[.035 in]
Termination Post & Tail Length	3.4 mm[.134 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Mating Alignment	Without
PCB Mount Retention	Without

Housing Features

Centerline (Pitch)	3.96 mm[.156 in]
Housing Color	Green
Housing Material	PBT GF

Dimensions

PCB Thickness (Recommended)	1.6 mm[.063 in]
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Industry Standards

Approved Standards	CSA LR7189, CUL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	100
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: JUN 2020 (209) Candidate List Declared Against: JUN 2016 (169) 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 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.

Compatible Parts



TE Model / Part # 87995-2
02 MOD1 BDMNT RCPT SR .156CL



TE Model / Part # 87995-4
04 MOD1 BDMNT RCPT SR .156CL




TE Model / Part # 87316-7
MOD 1 RECP STMPD




TE Model / Part # 104885-1
MOD 1 RECP STMPD

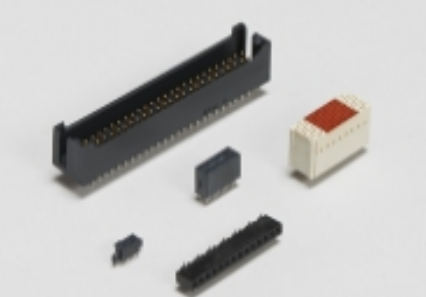
Also in the Series | AMPMODU MOD 1



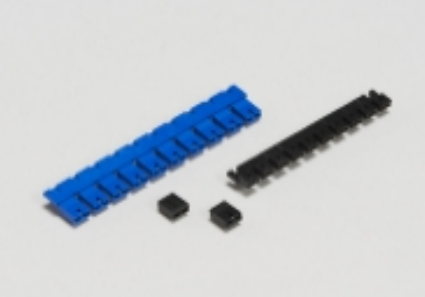
Automotive Terminals(6)



Board-to-Board Connector Contacts (76)



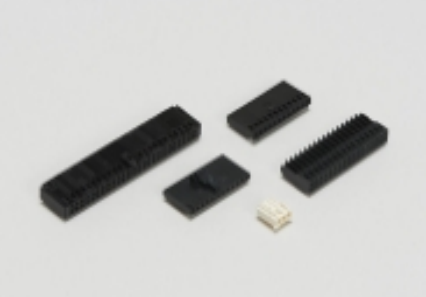
Board-to-Board Headers & Receptacles(281)




Board-to-Board Jumpers & Shunts(5)



PCB Connector Keying(2)



Wire-to-Board Connector Assemblies & Housings(42)



Wire-to-Board Connector Contacts(2)

Customers Also Bought



TE Model / Part #86432-1
AMP-0-0086432-1



TE Model / Part #8-1879221-7
CPF 0603 12R7 0.1% 25PPM 1K RL



TE Model / Part #5-1879222-7
CPF 0603 73R2 0.1% 25PPM 1K RL



TE Model / Part #CP6932-000
GUROSIL-GEL(REFILL)



TE Model / Part #CP6931-000
GUROSIL-GEL-SETIP68



TE Model / Part #85829-6
06 MOD1 HDR SRST .156CL



TE Model / Part #3-1625867-2
RP 1J 0.166W 13R 0.1% 25PPM 1K RL



TE Model / Part #86434-1
MOD I RECP LP



TE Model / Part #282038-000
44A0111-22-8



TE Model / Part #827871-2
2P MOD1 STIFTLI

Documents

Product Drawings

6P MOD 1 UNSHROUDED HEADER, ST, TIN

English

CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_826576-6_5.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_826576-6_5.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_826576-6_5.2d_dxf.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Agency Approvals

826576-6

AMPMODU MOD 1, PCB Mount Header, Vertical, 6 Position, 3.96mm [.156in]
Centerline, Breakaway, Tin-Lead, Printed Circuit Board, Green Housing Color



UL Report

English