1-829706-6 × OBSOLETE

AMPMODU | AMPMODU Headers

TE Internal #: 1-829706-6

TE Internal Description: 2X16P MOD2 STIFTLEI

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

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

Number of Positions: **16, 32**

Number of Rows: **2**

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

Configuration Features

Stackable	Yes
Number of Positions	16, 32
Number of Rows	2
PCB Mount Orientation	Vertical
Board-to-Board Configuration	Parallel

Electrical Characteristics

Insulation Resistance	5000 MΩ

Body Features

Primary Product Color	Green

Contact Features

Contact Underplating Material	Nickel
Mating Square Post Dimension	.64 mm[.025 in]
Contact Shape & Form	Square

Contact Mating Area Length	3.2 mm, 6.8 mm[.126 in][.267 in]
Contact Base Material	Copper Zinc
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.1 µm[3.94 µin]
Contact Mating Area Plating Material	Gold Flash
Contact Type	Pin
Contact Current Rating (Max)	5 A

Termination Features

Termination Post & Tail Length	3.2 mm[.126 in]
Square Termination Post & Tail Dimension	.64 mm[.025 in]
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	PBT, PBT GF

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
Stack Height	15.3 mm[.602 in]
PCB Thickness (Recommended)	1.4 mm[.055 in]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

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: JUNE 2025 (250) Candidate List Declared Against: JAN 2023 (233) 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

Also in the Series | AMPMODU Headers



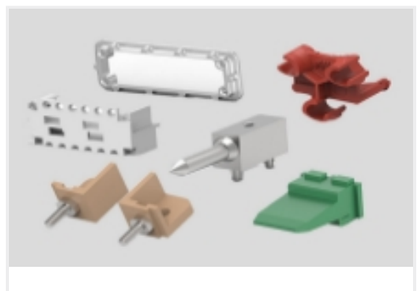
Automotive Signal & Power Headers(3)



Board-to-Board Headers & Receptacles(1147)



Connector Contacts(15)



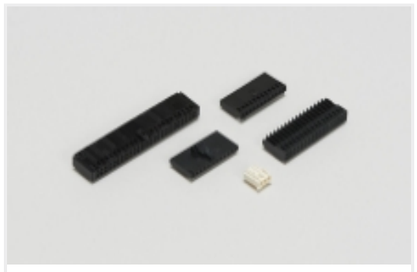
Connector Hardware(1)



Rectangular Connector Housings(2)



Rectangular Power Connectors(25)



Wire-to-Board Connector Assemblies & Housings(2)

Customers Also Bought



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #DT04-2P
REC, 2P, GRY, N



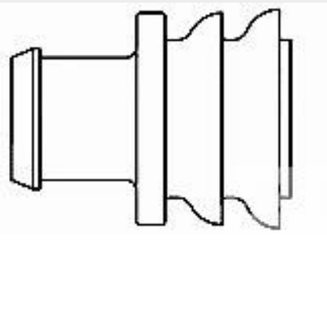
TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-829706-6_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-829706-6_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-829706-6_D.3d_stp.zip

English

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Datasheets & Catalog Pages

AMPMODU Interconnetion System

AMPMODU Interconnetion System

English