966870-1 ✓ ACTIVE

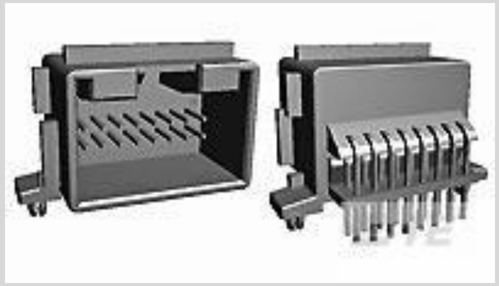
AMPMODU | AMPMODU Headers

TE Internal #: 966870-1

PCB Mount Header, Horizontal, Wire-to-Board, 16 Position, 2.5 mm Centerline, Fully Shrouded, Tin, Through Hole - Solder, Signal, AMPMODU Headers

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



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

Number of Positions: **16**

Centerline (Pitch): **2.5 mm**

Sealable: **No**

PCB Mount Orientation: **Horizontal**

Features

Product Type Features

Mixed & Hybrid Header	No
Connector Shape	Rectangular
PCB Connector Assembly Type	PCB Mount Header
Header Type	Fully Shrouded
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Signal Positions	16
Number of Positions	16
PCB Mount Orientation	Horizontal
Number of Rows	2

Electrical Characteristics

Nominal Voltage Architecture	12 V

Body Features

Primary Product Color	Black
Connector & Keying Code	A

Contact Features

Contact Size	.63mm
Contact Type	Tab
Mating Tab Width	.63 mm
Mating Tab Thickness	.63 mm
Contact Mating Area Plating Material	Tin

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mounting Holes	Without
Mating Alignment	With
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.5 mm

Dimensions

Connector Length	35 mm
Connector Width	15.5 mm
Profile Height from PCB	16.2 mm

Usage Conditions

Operating Temperature (Max)	110 °C
Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]

Operation/Application

Shielded	No
Circuit Application	Signal

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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 240°C

Product Compliance Disclaimer

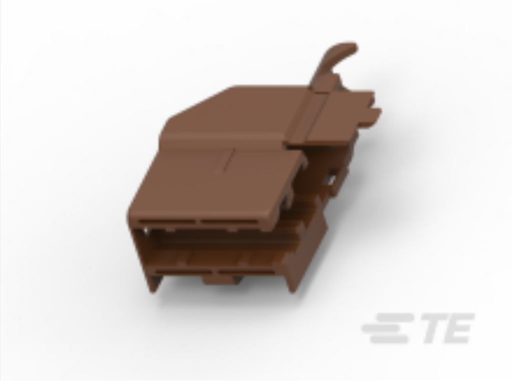
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # CAT-M8793-CH8172
MQS, CONNECTOR HOUSING

TE Part # 1-1534097-1
MQS COVER 2X8P

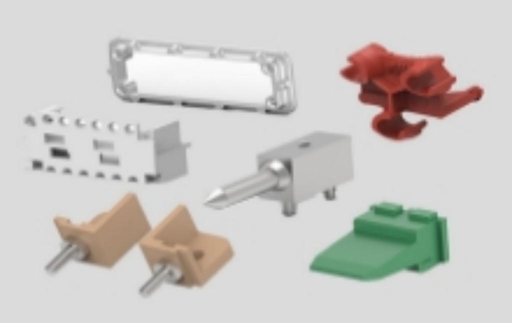
TE Part # 969445-1
TSP ABDECKKAPPE2X8P



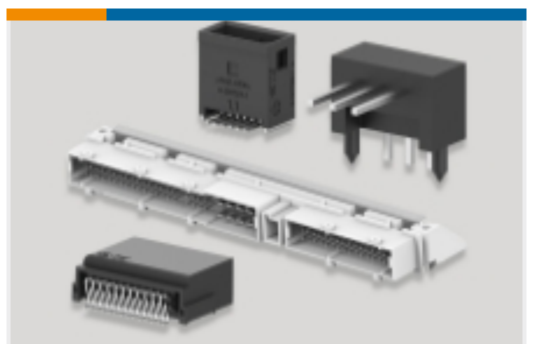
TE Part # 1355361-1
TSP ABDECKKAPPE2X8P

Also in the Series | AMPMODU Headers

Connector Contacts(60)



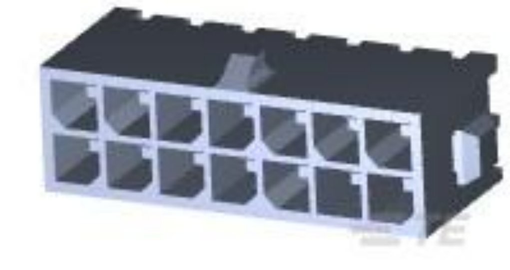
Connector Hardware(1)



PCB Headers & Receptacles(1629)

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

Customers Also Bought

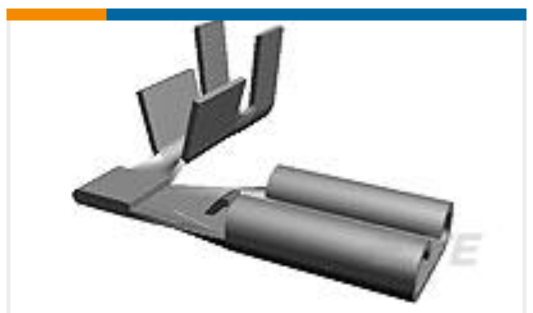


TE Part #4-794630-4

14P MICRO MNL ASSY,VRT,HDR,LF

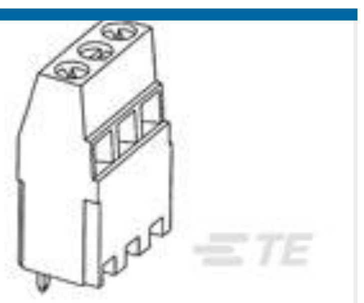
TE Part #1473565-4

RITS CONN.HDR ASSY 4P



TE Part #62336-1

110 FASTON FLAG REC 22-18 AWG TPBR



TE Part #282901-2

TERMI-BLOK PCB MOUNT 2ND 2P.5,

TE Part #4-794630-8

18P MICRO MNL ASSY,VRT,HDR,LF

TE Part #7-180984-0

250 FASTON BOOT FLAG REC. 1P NATURAL

TE Part #180464-2

250 FASTON,FLAG,REC.,14-17AWG, LATON

TE Part #3-928776-6

MOD II ACTION PIN SILVER PLATED

TE Part #826467-8

8P MOD II SHROUDED HEADER, ST

Documents

Product Drawings

MOD2 ST-WANNE 2X 8P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_966870-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_966870-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_966870-1_C.3d_stp.zip

English

Product Specifications

Product Specification

English