1-1823748-1 ✔ ACTIVE

Timer Connector System

TE Internal #: 1-1823748-1

Vertical, Wire-to-Board, 70 Position, 3 Row, 4mm / 5mm [.157in] Centerline, Tin (Sn), Sealable, Printed Circuit Board, Power, Timer Connector System

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Headers







PCB Mount Orientation: **Vertical**

Termination Method to PCB: **Through Hole - Solder**

Sealable: **Yes**

Centerline (Pitch): **4 mm, 5 mm [.157 in]**

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

Features

Product Type Features

Connector Product Type	Connector Assembly
Mixed & Hybrid Header	Yes
Header Type	Fully Shrouded
Connector Shape	Rectangular
Sealable	Yes
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Signal Positions	70
Number of Sections	1
PCB Mount Orientation	Vertical
Number of Positions	70
Number of Rows	3

Body Features

Connector & Keying Code	A1
Primary Product Color	Black

Contact Features

Mating Tab Width	1.6 mm, 3 mm[.063 in][.12 in]
Mating Tab Thickness	.6 mm, .8 mm[.024 in][.031 in]
Contact Type	Tab
Contact Mating Area Plating Material	Tin (Sn)

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Panel Mount Feature	Without
Mating Retention Type	Locking Interface
PCB Mount Retention	Without
Mounting Holes	With
PCB Mount Retention Type	Mounting Hole
Mating Alignment	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	4 mm, 5 mm[.157 in]

Dimensions

Connector Width	32.5 mm[1.28 in]
Profile Height from PCB	37.1 mm[1.46 in]
Connector Length	122.7 mm[4.83 in]

Operation/Application

Shielded	No
Circuit Application	Power

Packaging Features

Packaging Quantity	55
Packaging Method	Tray

Other

Interface Number	968879

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 240°C

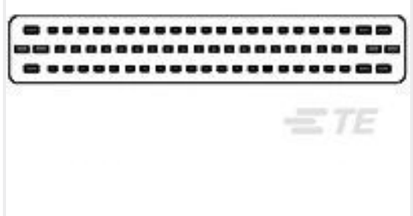
Product Compliance Disclaimer

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 # 1-968879-1
MT2/JPT70P BUGH KPL



TE Part # 963361-1
SEALING F/70P HSG

Also in the Series | Timer Connector System



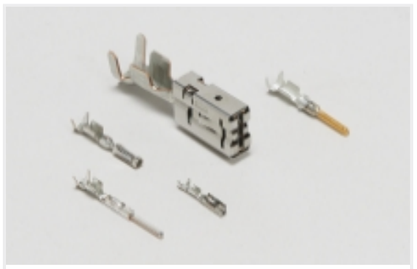
Automotive Connector Caps & Covers (12)



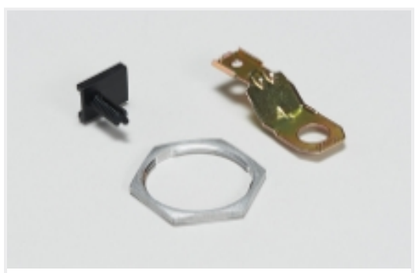
Automotive Housings(187)



Automotive Signal & Power Headers (21)



Automotive Terminals(112)



Other Automotive Connector Accessories(1)



Quick Disconnects(4)

Customers Also Bought



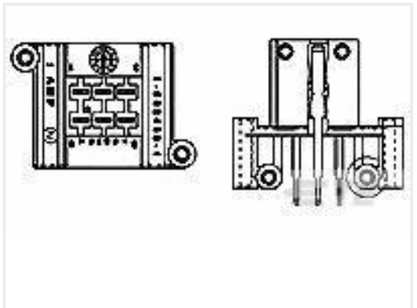
TE Part #494335-E
M12 MALE, A CODE, 5P, 10.5MM SMT



TE Part #494520-E
M12 MALE, A CODE, 5P, 10.5MM SMT



TE Part #1-215460-4
MICRO-MATCH FEM.SE



TE Part #1-929180-1
MESSERLEISTE3,0 6P



TE Part #1825086-2
TACT,SMT,GULL WING,4X6MM,AG/PL

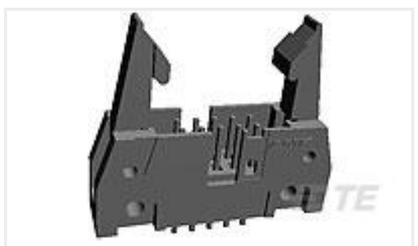


TE Part #3-1879021-1
SMW3 1R8 5%

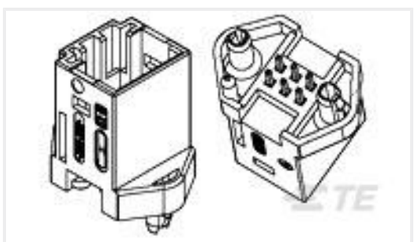


TE Part #2340662-1
FSM4JAHTR=6MM TACT SWITCH, HIGH TEMP

TE Part #5084616-5
0.8FH,R13H.5,120,08/Sn,TR,SC



TE Part #5499160-2
A/L UNIV HDR 14P VERT SHT LAT



TE Part #1379816-1
6pos MQS .63 header 180deg

Documents

Product Drawings

70POS, MIXED,HEADER ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1823748-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1823748-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1823748-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

70 pos. - Coupling for Junior-Power-Timer Contact & Micro - Timer Contact

English

Product Specification

English