

Timer Connector System

TE Internal #: 1-963215-1

PCB Mount Header, Horizontal, Wire-to-Board, 16 Position, 5 mm [.197 in] Centerline, Fully Shrouded, Tin, Timer Connector System

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles > Low & Medium Power Header



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

Number of Positions: **16**

Centerline (Pitch): **5 mm [.197 in]**

Sealable: **No**

PCB Mount Orientation: **Horizontal**

[All Low & Medium Power Header \(168\)](#)

Features

Product Type Features

Mixed & Hybrid Header	Yes
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 Sections	1
Number of Signal Positions	34
Number of Positions	16
PCB Mount Orientation	Horizontal
Number of Rows	2

Body Features

Primary Product Color	Black
Connector & Keying Code	A1

Contact Features

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Contact Size	3mm
Contact Type	Tab
Mating Tab Width	3 mm[.118 in]
Mating Tab Thickness	.8 mm[.031 in]
Contact Mating Area Plating Material	Tin

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Mounting Holes	With
Mating Retention	With
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	With
PCB Mount Retention Type	Mounting Hole
Mating Retention Type	Locking Interface

Housing Features

Centerline (Pitch)	5 mm[.197 in]
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Dimensions

Connector Length	34.6 mm[1.349 in]
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Operation/Application

Shielded	No
Circuit Application	Signal

Packaging Features

Packaging Type	Tray
Packaging Quantity	32

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 2023 (235)
Candidate List Declared Against: JUNE 2023 (235)
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	Not applicable for solder process capability

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 # 1-967242-1
JPT GEH KPL 16P

TE Part # 963216-1
DICHTUNG

Also in the Series | Timer Connector System

Automotive Connector Caps & Covers (12)

Automotive Connector Locks & Position Assurance(17)

Automotive Housings(233)

Automotive Terminals(145)



Connector Seals & Cavity Plugs(32)



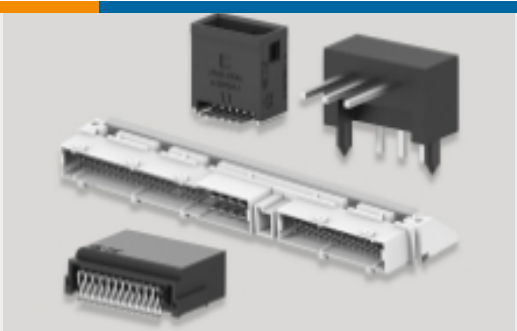
Crimp Terminal Housings(13)



Insertion & Extraction Tools(18)



Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(82)

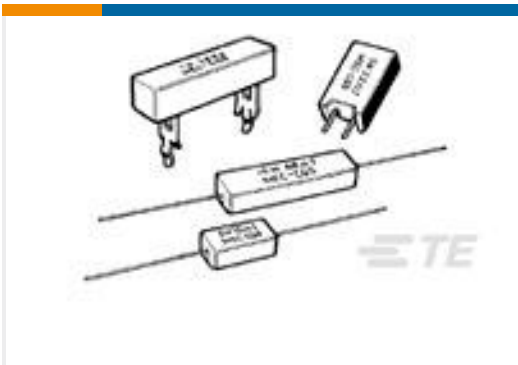


Quick Disconnects(4)

Customers Also Bought



TE Part #1-963224-1
Low & Medium Power Header



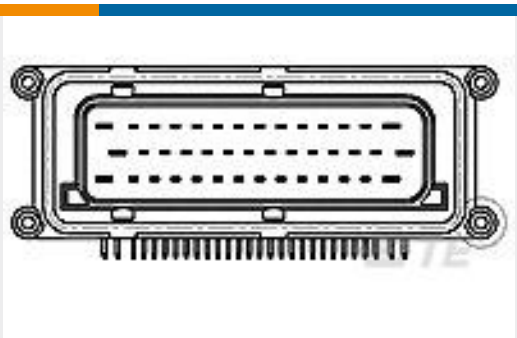
TE Part #2-1623783-1
SQM7 100K 5% (METAL FILM)



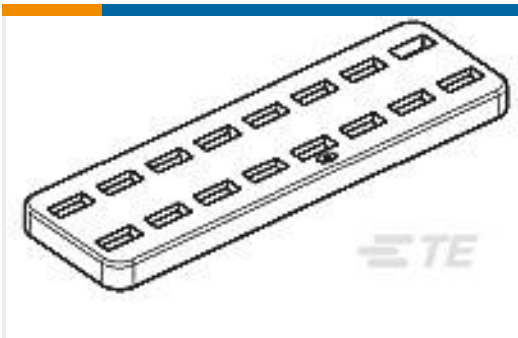
TE Part #2-1879022-3
SMF3 2K7 5%



TE Part #1676374-2
RN 0805 54K9 0.1% 10PPM 1KRL



TE Part #1-963484-1
MESSERLEISTE MIX70P



TE Part #963216-1
DICHTUNG



TE Part #1801210-1

Documents

Product Drawings
16P STIFTWANNE 3MM

English

CAD Files
Customer View Model
ENG_CVM_1-963215-1_B3.3d_igs.zip

English

Customer View Model



[ENG_CVM_1-963215-1_B3.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1-963215-1_B3.2d_dxf.zip](#)

English

3D PDF

English

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Agency Approvals

UL Report

English