

1-963018-2 ✓ ACTIVE



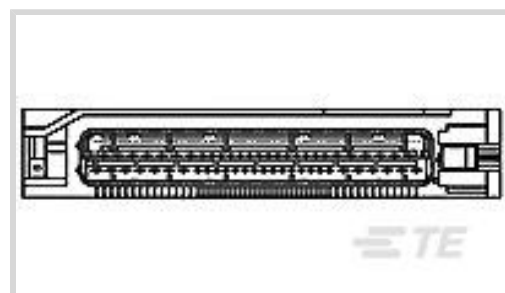
Timer Connector System

TE Internal #: 1-963018-2

PCB Mount Header, Horizontal, 55 Position, 5 mm / 3.25 mm [.128 in / .197 in] Centerline, Fully Shrouded, Tin, Timer Connector System

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles > High Pin Count Header



Number of Positions: 55

Centerline (Pitch): 3.25 mm, 5 mm [.128 in, .197 in]

Sealable: No

PCB Mount Orientation: Horizontal

Number of Rows: 2

[All High Pin Count Header \(94\)](#)

Features

Product Type Features

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

Configuration Features

Number of Sections	1
Number of Signal Positions	29
Number of Positions	55
PCB Mount Orientation	Horizontal
Number of Rows	2

Body Features

Primary Product Color	Black
Connector & Keying Code	4

Contact Features

Contact Size	1.6mm, 3mm
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Contact Type	Tab
Mating Tab Width	1.6 mm, 3 mm[.063 in][.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
Panel Mount Feature	Without
PCB Mount Retention	With
PCB Mount Retention Type	Mounting Hole
Mating Retention Type	Locking Interface

Housing Features

Centerline (Pitch)	3.25 mm, 5 mm[.128 in][.197 in]
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Dimensions

Connector Length	164.7 mm[6.484 in]
Connector Width	33.4 mm[1.315 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Profile Height from PCB	26.35 mm[1.037 in]

Operation/Application

Shielded	No
Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Type	Loose Piece
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Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
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: DEC 2010 (44) SVHC > Threshold: Not Yet Reviewed
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 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



Also in the Series | [Timer Connector System](#)



Automotive Connector Caps & Covers (10)



Automotive Connector Locks & Position Assurance(15)



Automotive Housings(210)



Automotive Terminals(137)



Connector Seals & Cavity Plugs(31)



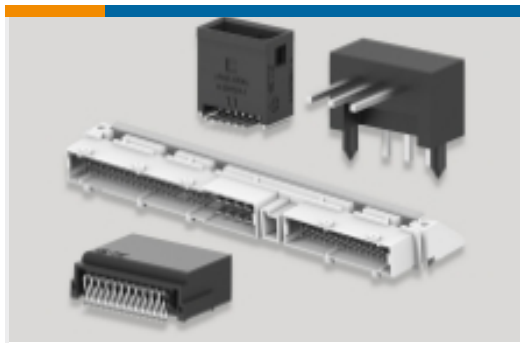
Crimp Terminal Housings(13)



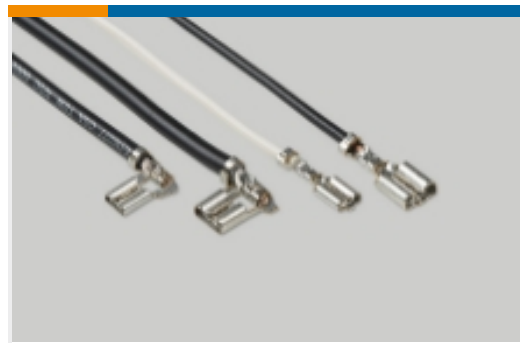
Insertion & Extraction Tools(18)



Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(77)



Quick Disconnects(4)

Customers Also Bought



TE Part #5-338169-2
15P HDP20 PLUG ASSY



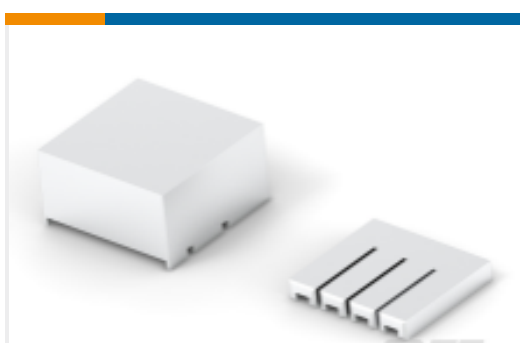
TE Part #1-928776-3
MOD2 STIFT M A-PIN



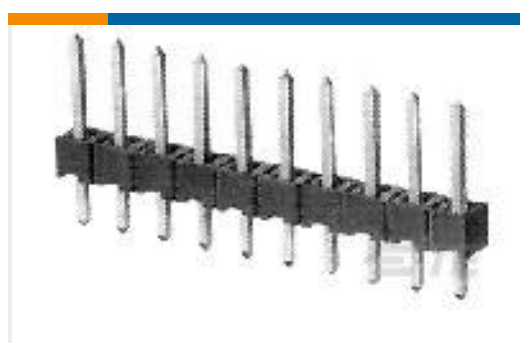
TE Part #104809-4
05 MTE HDR SRST LATCH W/HLDWN



TE Part #104809-6
07 MTE HDR SRST LATCH W/HLDWN



TE Part #1725761-1
KIT,SEATING TOOL, 1X4



TE Part #826938-4
4P AMPMODU II STIFT LEI

Documents



Product Drawings

55P MESSERLEIS MIX

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-963018-2_5.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-963018-2_5.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-963018-2_5.3d_stp.zip](#)

English

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