



Connectors > Automotive Connectors > Connector Housings > TIMER, CONNECTOR HOUSING



Connector & Housing Type: **Housing for Female Terminals**

Mating Tab Width: **1.6 mm, 2.8 mm** [.063 in, .11 in]

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

Number of Positions: **42**

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

[All TIMER, CONNECTOR HOUSING \(542\)](#)

Features

Product Type Features

Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board, Wire-to-Device, Wire-to-Wire
Sealable	Yes
Hybrid Connector	Yes
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	42
Number of Rows	3

Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180°
Body Material	PBT GF
Primary Product Color	Black
Connector Code	A1



Contact Features

Mating Tab Width	1.6 mm, 2.8 mm[.063 in][.11 in]
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Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	No
Strain Relief	No
Mating Alignment Type	Polarized

Housing Features

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

Product Width	32 mm[1.26 in]
Product Length	82.5 mm[3.248 in]
Product Height	33 mm[1.299 in]
Row-to-Row Spacing	6 mm[.236 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C[158 °F][167 °F][176 °F][185 °F]
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Method	Carton
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Other

Serviceable	No
Connector Position Assurance Capable	No

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: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 # CAT-LMPH9507
LOW & MEDIUM POWER HEADER



TE Part # CAT-T4827-T273
TIMER, RECEPTACLE AND TAB




TE Part # 965643-1
ABDECKKAPPE F42P




TE Part # 963225-1
DICHTUNG F 42P GEH


Also in the Series | Junior Power Timer



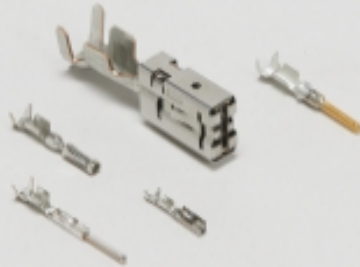
Automotive Connector Caps & Covers
(5)



Automotive Housings(224)



Automotive Seals & Cavity Plugs(10)



Automotive Terminals(82)



Busbars & Terminals(1)



Insertion & Extraction Tools(9)



Module Components(8)



Other Automotive Connector Accessories(1)

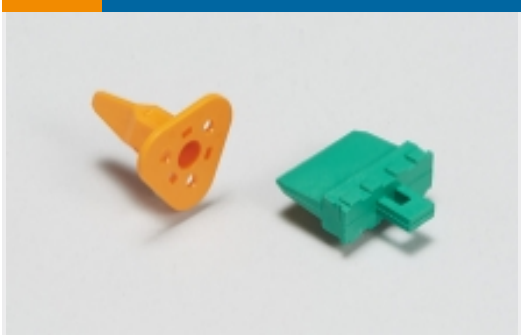


PCB Headers & Receptacles(1)

Also in the Series | **Micro Timer II**



Automotive Connector Caps & Covers (2)



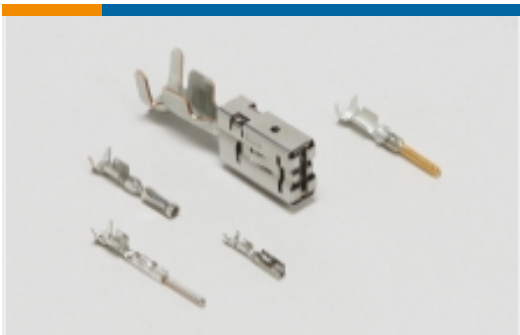
Automotive Connector Locks & Position Assurance(3)



Automotive Housings(29)



Automotive Seals & Cavity Plugs(1)



Automotive Terminals(30)



Insertion & Extraction Tools(4)

Customers Also Bought





TE Part #1-963212-1
TIMER, CONNECTOR HOUSING



TE Part #2-963215-1
LOW & MEDIUM POWER HEADER



TE Part #5-1718323-1
2.8MM TAB HSG.,39POS.,ASSY



TE Part #7-2151835-7
OCEAN_2.0_SPARE_PART_KIT-055F070O



TE Part #920-315-002
MCA 2458 S

Documents

Product Drawings
MICRO-T2/JPT GEH42P

English

CAD Files
3D PDF

English

Customer View Model
ENG_CVM_1-967281-1_B1.2d_dxf.zip

English

Customer View Model
ENG_CVM_1-967281-1_B1.3d_igs.zip

English

Customer View Model
ENG_CVM_1-967281-1_B1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages
Timer Interconnection System

English

Product Environmental Compliance
Product Compliance

English

Product Compliance

English

