



Connectors > Automotive Connectors > Automotive Housings > Timer Connector Housing



Number of Positions: 42

Connector & Housing Type: Housing for Female Terminals

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

Connector System: Wire-to-Wire

Centerline (Pitch): 4 mm [.16 in]

[All Timer Connector Housing \(446\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	No
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	42
Number of Rows	3

Electrical Characteristics

Nominal Voltage Architecture	12 V
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Body Features

Primary Product Color	Black
Connector & Keying Code	A1

Contact Features

Contact Size	1.6mm, 2.8mm
Contact Type	Receptacle
Mating Tab Width	1.6 mm, 2.8 mm[.063 in][.11 in]
Contact Current Rating (Max)	22 A

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	4 mm[.16 in]

Dimensions

Row-to-Row Spacing	5 mm[.2 in]
Product Width	33 mm[1.29 in]
Product Length	82.5 mm[3.24 in]
Connector Height	32 mm[1.26 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

Operation/Application

Circuit Application	Power
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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 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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 # 962371-1
ABDECKKAPPE F42/29P

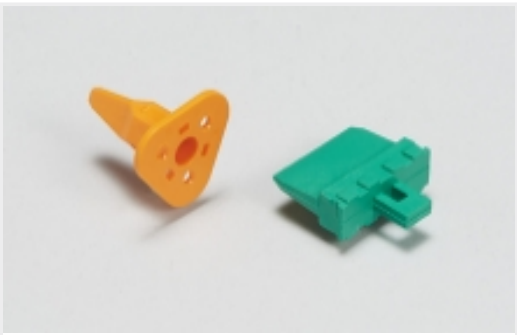


TE Part # 1-963224-1
42P MESSERLEIST MIX



TE Part # 962370-1
SCHIEBER F42/29P GH

Also in the Series | Timer Connector System



Automotive Connector Locks & Position Assurance(15)



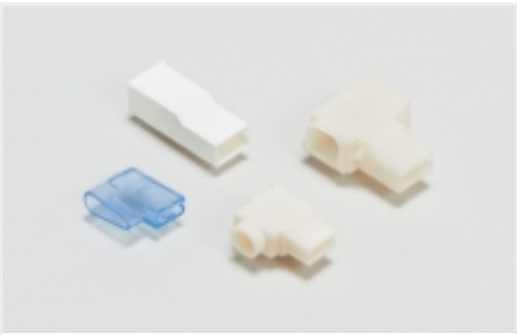
Automotive Headers(19)



Automotive Housings(195)



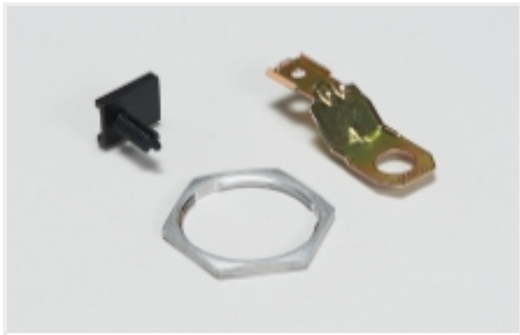
Connector Seals & Cavity Plugs(36)



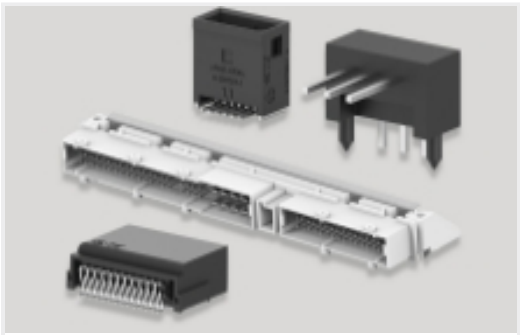
Crimp Terminal Housings(13)



Insertion & Extraction Tools(18)



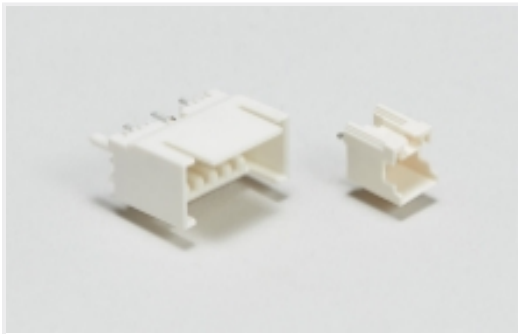
Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(19)

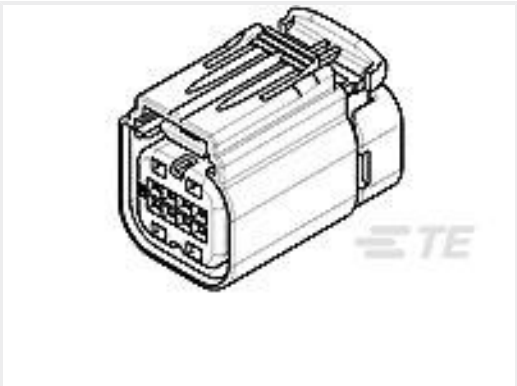


Rectangular Power Connectors(2)

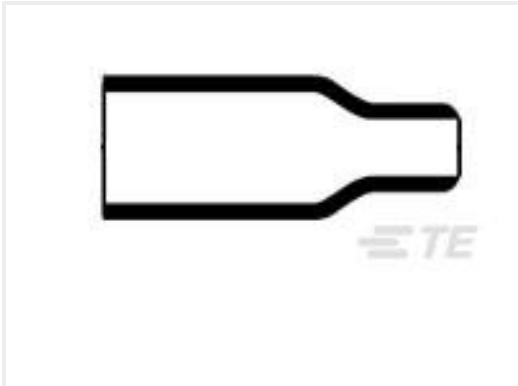


Wire-to-Board Headers & Receptacles (19)

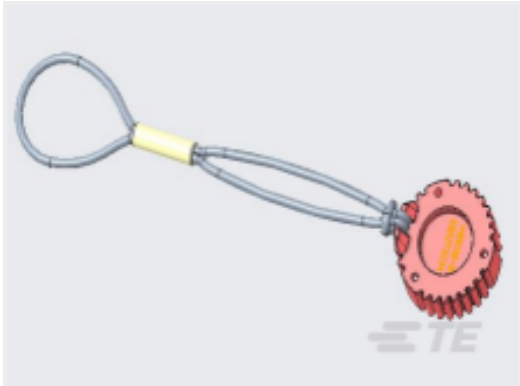
Customers Also Bought



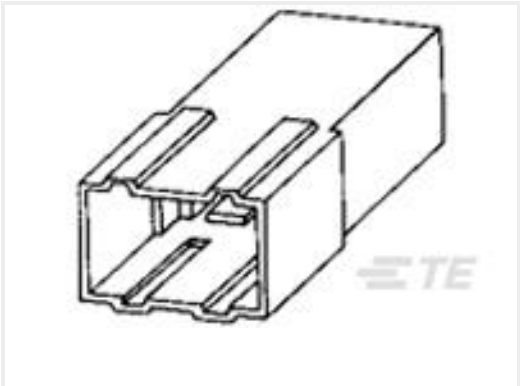
TE Part #1411001-1
SEALED HARN ASSY W/O CPA KEY B



TE Part #293826-000
202A132-3/86-0



TE Part #HDC16-9-JDL
DUST CAP, 9P, REC, GRY, LANYARD, HD10



TE Part #280072
FF 375 TAB HSG 4P NYLON NAT HD10



TE Part #DT06-12SA-CE05
PLG, 12P, GRY, E, SEAL RET, ENH KEY, CAP, A



TE Part #DT04-12PB-P027
REC, 12P, BLK, BUSBAR 2X6, GOLD, B



TE Part #2428-015-1805
BKSHL, 18SZ, BLK, RA, NW13/17/19, L017, HDP



TE Part #350873-3
UMNL PIN 18-14 .0125 PTPPHBZ



Documents

Product Drawings

42P SOCKET HOUSING MIX KPL

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-963226-1_C.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-963226-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-963226-1_C.3d_stp.zip

English

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

Datasheets & Catalog Pages

889759_3_Timer_Interconnection_System

English