

1-965423-1 ✓ ACTIVE

AMP | Timer Connector System

TE Internal #: 1-965423-1

Housing for Male Terminals, Wire-to-Panel, 10 Position, .197 in [5 mm] Centerline, Black, Wire & Cable, Signal, Panel Mount, Timer Connector System

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings > Timer Connector Housing



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

Connector System: **Wire-to-Panel**

Number of Positions: **10**

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

Sealable: **No**

[All Timer Connector Housing \(589\)](#)

Features

Product Type Features

Connector Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Panel
Sealable	No
Hybrid Connector	No
Primary Locking Feature	On the Terminal
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	10
Number of Rows	2

Electrical Characteristics

Nominal Voltage Architecture	12 V
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Body Features

Primary Product Color	Black
Connector & Keying Code	A1

Contact Features

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Contact Size	2.8mm
Contact Type	Tab
Contact Current Rating (Max)	11 A

Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	5 mm [.197 in]

Dimensions

Connector Height	38 mm [1.496 in]
Product Width	26.6 mm [1.047 in]
Product Length	29.3 mm [1.154 in]
Row-to-Row Spacing	6 mm [.236 in]

Usage Conditions

Operating Temperature (Max)	80 °C [176 °F]
Operating Temperature Range	-40 – 80 °C [-40 – 176 °F]

Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Method	Box
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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: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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 # 828922-1
2,5MM CAVITY PLUG FOR 5,4MM DI



TE Part # 828905-1
SINGLE-WIRE-SEAL(5MM HOLE)



TE Part # 1-967240-1
JPT HOUSING ASSY 10P



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

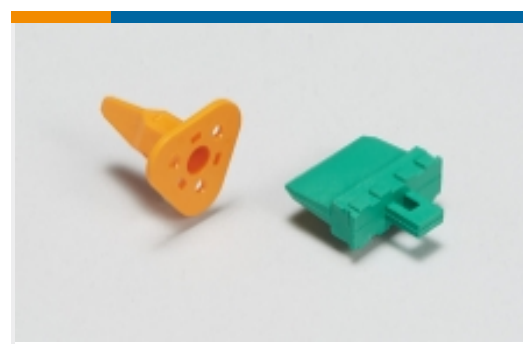


TE Part # 828904-1
SINGLE WIRE SEAL FOR J.P.T.CON

Also in the Series | Timer Connector System



Automotive Connector Caps & Covers (12)



Automotive Connector Locks & Position Assurance (17)



Automotive Housings (235)



Automotive Seals & Cavity Plugs (32)



Automotive Terminals (145)



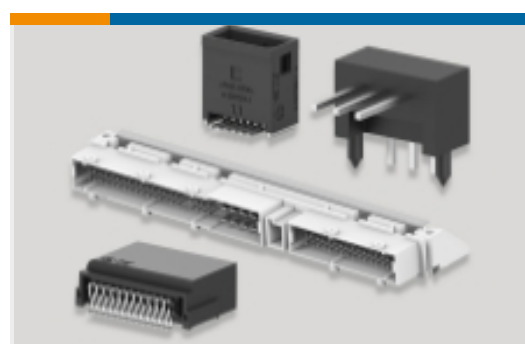
Crimp Terminal Housings (13)



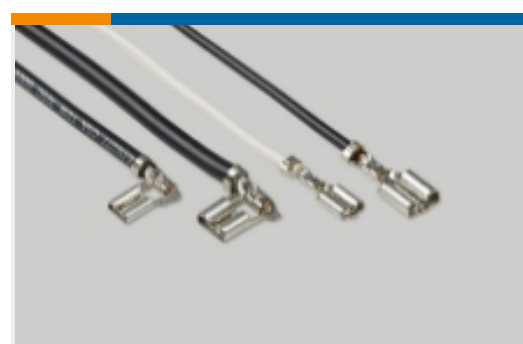
Insertion & Extraction Tools (19)



Other Automotive Connector Accessories (1)



PCB Headers & Receptacles (82)

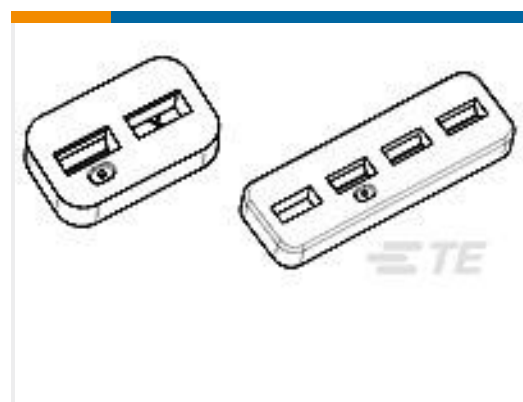


Quick Disconnects (4)

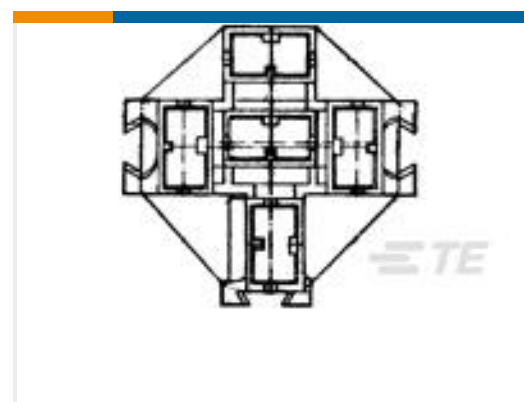
Customers Also Bought



TE Part #1-967281-1
Timer Connector Housing



TE Part #963209-1
DICHTUNG F2P JPT-GH



TE Part #927076-1
PL HOUSING 0.6 PA 6.6 + PE-GF13
BLACK

Documents

Product Drawings

TAB HOUSING 2,8 10POS

English

CAD Files

3D PDF

English

Customer View Model



[ENG_CVM_1-965423-1_B1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_1-965423-1_B1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1-965423-1_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

Instruction Sheets

CONNECTEURS JPT ETANCHES A ETRIER POUR CONNEXIONS FIL A FIL PRECONISAT

English

Instruction Sheet (non U.S.)

English