

1-965421-1 ✓ ACTIVE

AMP | Timer Connector System

TE Internal #: 1-965421-1

Housing for Male Terminals, 2 Position, .197 in [5 mm] Centerline, Black, Wire & Cable, Signal, Cable Mount (Free-Hanging), Timer Connector System

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings > Timer Connector Housing



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

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

Number of Positions: **2**

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
Sealable	No
Hybrid Connector	No
Primary Locking Feature	On the Terminal
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	2
Number of Rows	1

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	2.8mm
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Contact Type	Tab
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Mating Tab Width	2.8 mm[.11 in]
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Mechanical Attachment

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

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

Connector Height	38 mm[1.496 in]
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Product Width	20.6 mm[.811 in]
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Product Length	14.1 mm[.555 in]
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Usage Conditions

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

Circuit Application	Signal
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Packaging Features

Packaging Method	Box
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Other

Serviceable	No
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Connector Position Assurance Capable	No
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	
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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
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Solder Process Capability	Not applicable for solder process capability
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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

 <p>TE Part # 828922-1 2,5MM CAVITY PLUG FOR 5,4MM DI</p>	 <p>TE Part # 828905-1 SINGLE-WIRE-SEAL(5MM HOLE)</p>	 <p>TE Part # CAT-T4827-CH8172 Timer Connector Housing</p>	 <p>TE Part # CAT-T4827-T273 TIMER, RECEPTACLE AND TAB</p>
 <p>TE Part # 828904-1 SINGLE WIRE SEAL FOR J.P.T.CON</p>	 <p>TE Part # 1-963210-2 JPT BU-GH2P,GE ASSY</p>		

Also in the Series | Timer Connector System



Automotive Connector Caps & Covers (12)



Automotive Connector Locks & Position Assurance(17)



Automotive Housings(237)



Automotive Terminals(145)



Connector Seals & Cavity Plugs(32)



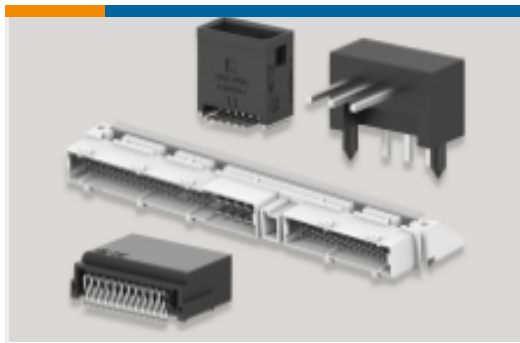
Crimp Terminal Housings(13)



Insertion & Extraction Tools(19)



Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(82)

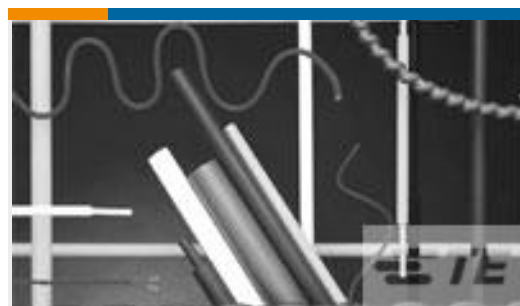


Quick Disconnects(4)

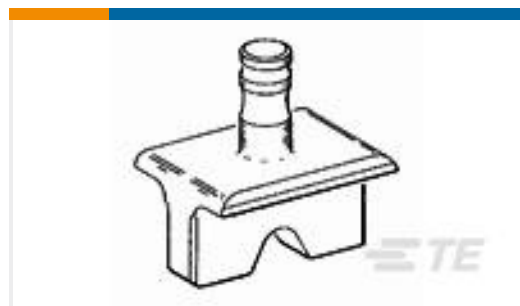
Customers Also Bought



TE Part #1-964449-1
Timer Connector Housing



TE Part #4623554001
CGPT-32/16-0-SP



TE Part #48130
HYP8 SOLIS 2AWG NEST



TE Part #5-965982-1
TAB 2.8x0.8 CONTACT CF SWS Sn



TE Part #61-0198-011-000
CONTACT PIN 2 MM



TE Part #NB25862001
SCL-3/16-0-STK

Documents



Product Drawings

FLA-STE-GEH2,8 2P

German

CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_1-965421-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_1-965421-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1-965421-1_B.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

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English

Instruction Sheet (non U.S.)

English