1-965641-2 ✔ ACTIVE

AMP | Timer Connector System

TE Internal #: 1-965641-2

Housing for Male Terminals, Wire-to-Wire, 6 Position, .197 in [5 mm] Centerline, Brown, 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**

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

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

Number of Positions: **6**

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

All Timer Connector Housing (589)

Features

Product Type Features

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

Configuration Features

Number of Positions	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	28 VDC
Nominal Voltage Architecture	12 V, 24 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Brown
Connector & Keying Code	A

Contact Features

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

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	PA GF
Centerline (Pitch)	5 mm[.197 in]

Dimensions

Connector Height	30.6 mm[1.205 in]
Product Width	35.45 mm[1.396 in]
Product Length	17.5 mm[.689 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	Signal

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: 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
Solder Process Capability	Not applicable for solder process capability

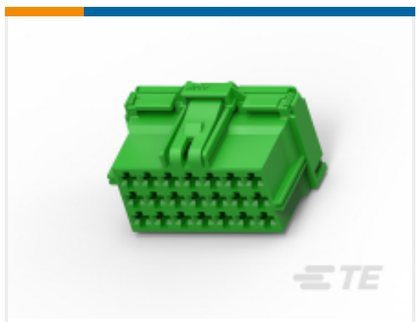
Product Compliance Disclaimer

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-T4827-CH8172
Timer Connector Housing



TE Part # CAT-AM705-CH8173
AMP MCP Unsealed Connector Housings



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



TE Part # 968271-1
2. KONT-SICHERUNG 6P

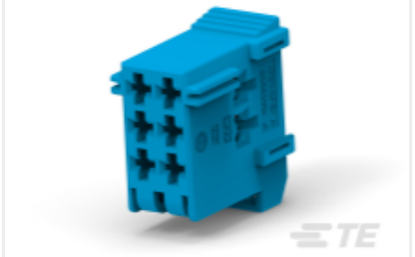
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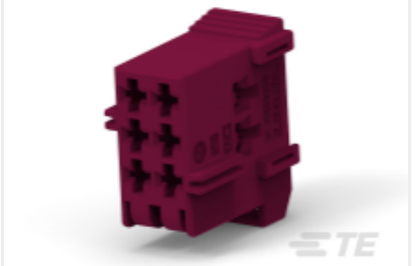
TE Part # 2355073-1
6POS,AMP MCP 2.8,REC HSG,UNSLD, COD A,GRY



TE Part # 2355073-2
6POS,AMP MCP 2.8,REC HSG,UNSLD, COD B,NAT



TE Part # 2355073-3
6POS,AMP MCP 2.8,REC HSG,UNSLD, COD C,BLU



TE Part # 2355073-4
6POS,AMP MCP 2.8,REC HSG,UNSLD, COD D,VLT

TE Part # 1-962843-3
TAB 2.8x0.8 CONTACT CS SRC Au

TE Part # 2-962842-3
TAB 2.8x0.8 CONTACT CF SRC Au

TE Part # 2-962843-1
TAB 2.8x0.8 CONTACT CF SRC Sn

TE Part # 2-962843-3
TAB 2.8x0.8 CONTACT CF SRC Au



TE Part # 2-962842-2
TAB 2.8x0.8 CONTACT CF SRC Ag



TE Part # 2-962843-2
TAB 2.8x0.8 CONTACT CF SRC Ag

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)



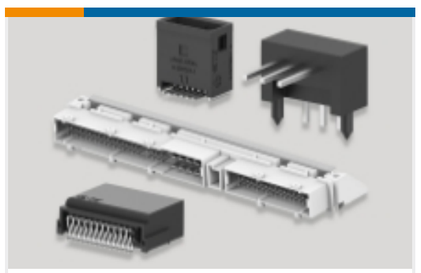
Crimp Terminal Housings(13)



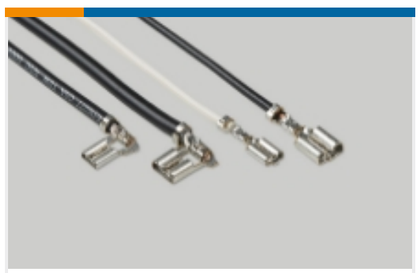
Insertion & Extraction Tools(19)



Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(82)

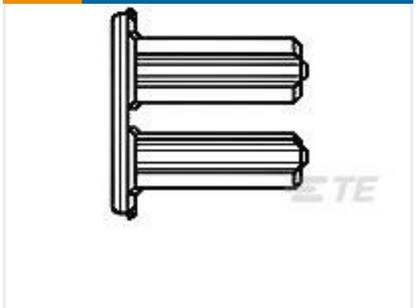


Quick Disconnects(4)

Customers Also Bought



TE Part #1-967625-5
Timer Connector Housing



TE Part #967635-1
2.0 KONT



TE Part #5-968972-1
AMP MCP Unsealed Connector Housings



TE Part #1-967630-3
FLACHSTE-GEH2,8 21P

Documents

Product Drawings

TAB HOUSING 2,8 6P

English

TAB HOUSING 2,8 6P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-965641-2_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-965641-2_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-965641-2_D.3d_stp.zip

English

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Datasheets & Catalog Pages

Timer Interconnection System

English

Product Specifications

Application Specification

English