



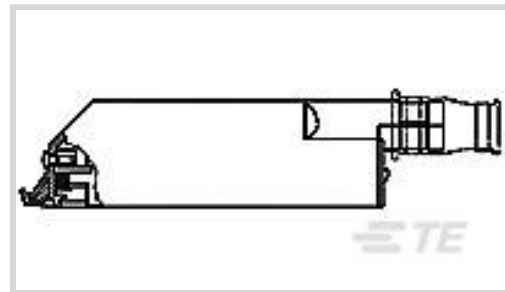
AMP | Junior Timer

TE Internal #: 828761-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 55 Position, .197 in / .118 in [5 mm / 3 mm] Centerline, Sealable, Black, Junior Timer

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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**

Number of Positions: **55**

Centerline (Pitch): **3 mm, 5 mm [.118 in, .197 in]**

[All TIMER, CONNECTOR HOUSING \(541\)](#)

Features

Product Type Features

Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board, Wire-to-Device
Sealable	Yes
Hybrid Connector	Yes
Primary Locking Feature	On the Terminal
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	55
Number of Rows	2

Electrical Characteristics

Nominal Voltage Architecture	48 V
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Body Features

Cable Exit Angle	90°
Body Material	PBT GF
Primary Product Color	Black



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)	10 A, 25 A

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	3 mm, 5 mm [.118 in][.197 in]
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Dimensions

Product Width	39 mm [1.535 in]
Product Length	149.5 mm [5.886 in]
Product Height	29 mm [1.142 in]
Row-to-Row Spacing	5 mm [.197 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94HB
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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

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 2022 (224)
Candidate List Declared Against: JUL 2017 (174)
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>

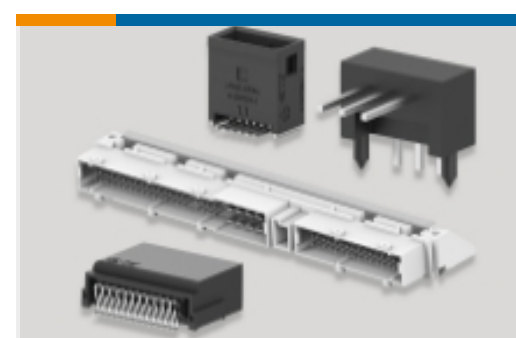
Also in the Series | Junior Timer



Automotive Housings(64)



Automotive Terminals(12)



PCB Headers & Receptacles(3)

Documents

[Product Drawings](#)

[55P JUN-TIM GEH MIX](#)



German

CAD Files

Customer View Model

[ENG_CVM_828761-1_2.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_828761-1_2.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_828761-1_2.2d_dxf.zip](#)

English

3D PDF

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 Specifications

[Product Specification](#)

English

[CONNECTEUR JUNIOR TIMER 828761-1 EQUIPE DE CONTACTS JPT ET MT](#)

English