### AMP | Junior Power Timer

TE Internal #: 1-963207-1

Housing for Female Terminals, Wire-to-Wire, 4 Position, .197 in [5 mm] Centerline, Black, Wire & Cable, Signal, Junior Power Timer

View on TE.com >



Connectors > Automotive Connectors > Automotive Housings > Timer Connector Housing



Connector System: Wire-to-Wire

Number of Positions: 4

Connector & Housing Type: Housing for Female Terminals

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

Sealable: No

All Timer Connector Housing (585)

### **Features**

### **Product Type Features**

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing
Configuration Features	
Number of Positions	4
Number of Rows	1
Flectrical Characteristics	

## Electrical Characteristics

Nominal Voltage Architecture	16 V
------------------------------	------

## **Body Features**

Primary Product Color	Black
Connector & Keying Code	A1

#### **Contact Features**

Contact Size	2.8mm	



Contact Type	Receptacle
Mating Tab Width	2.8 mm[.11 in]
Contact Current Rating (Max)	10 A
Mechanical Attachment	
Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Material	PBT GF
Centerline (Pitch)	5 mm[.197 in]
Dimensions	
Connector Height	21 mm[.826 in]
Product Width	37.75 mm[1.48 in]
Product Length	46.3 mm[1.82 in]
Usage Conditions	
Operating Temperature (Max)	100 °C[212 °F]
Operating Temperature Range	-40 - 100 °C[-40 - 212 °F]
Operation/Application	
Circuit Application	Signal
Packaging Features	
Packaging Method	Box
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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.

Solder Process Capability

Not applicable for solder process capability

Product Compliance Disclaimer

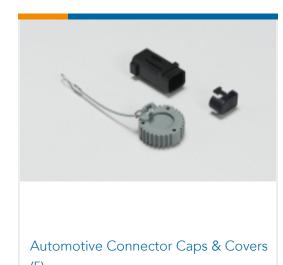
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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**

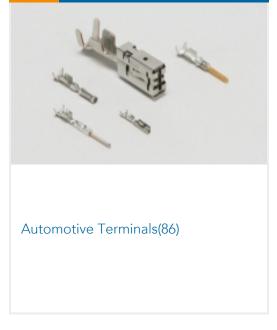


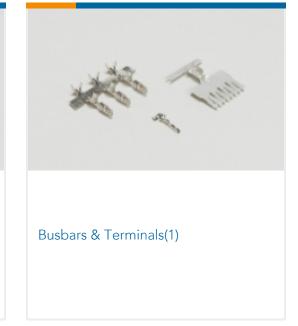


Also in the Series | Junior Power Timer













Connector Seals & Cavity Plugs(10)



Insertion & Extraction Tools(8)



Module Components(6)



Other Automotive Connector Accessories(1)



# Customers Also Bought





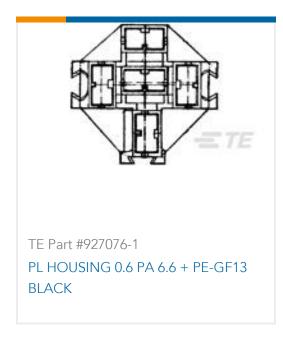


Timer Connector Housing



Z-Type Push-On Markers









## **Documents**

Product Drawings
4P J-P-TIM GEH KPL

English

#### **CAD Files**

Customer View Model ENG\_CVM\_1-963207-1\_H1.2d\_dxf.zip

English

**Customer View Model** 



ENG\_CVM\_1-963207-1\_H1.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_1-963207-1\_H1.3d\_stp.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** 

**Application Specification** 

English