827603-1 ✔ ACTIVE

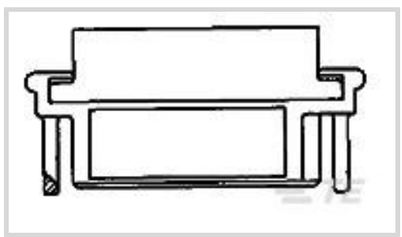
AMP | Junior Timer

TE Internal #: 827603-1

Housing for Female Terminals, Wire-to-Board, 12 Position, .197 in [5 mm] Centerline, Black, Wire & Cable, Power, Junior Timer

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings > Timer Connector Housing



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

Number of Positions: **12**

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

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

Sealable: **No**

All Timer Connector Housing (515)

Features

Product Type Features

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

Configuration Features

Number of Positions	12
Number of Rows	2

Electrical Characteristics

Nominal Voltage Architecture	12 V, 24 V

Body Features

Primary Product Color	Black
Connector & Keying Code	Neutral

Contact Features

Contact Size	2.8mm

Contact Type	Receptacle
Mating Tab Width	2.8 mm[.11 in]
Contact Current Rating (Max)	30 A

Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Polarized
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Connector Height	22 mm[.866 in]
Product Width	16.3 mm[.642 in]
Product Length	48 mm[1.89 in]
Row-to-Row Spacing	5 mm[.197 in]

Usage Conditions

Operating Temperature (Max)	130 °C[266 °F]
Operating Temperature Range	-40 - 130 °C[-40 - 266 °F]

Operation/Application

Circuit Application	Power

Packaging Features

Packaging Method	Bag

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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



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



TE Part # CAT-LMPH9507
Low & Medium Power Header



TE Part # 967578-1
MOD2/TAB3LEIS12/28P

TE Part # 927458-1
12P GEH-UNTERTEIL

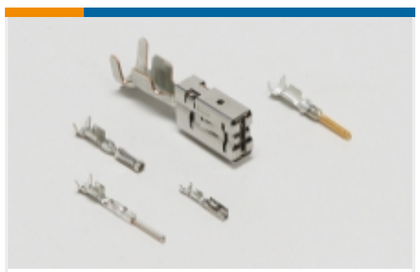


TE Part # 967296-1
MOD2/TAB3 ST-STE40P

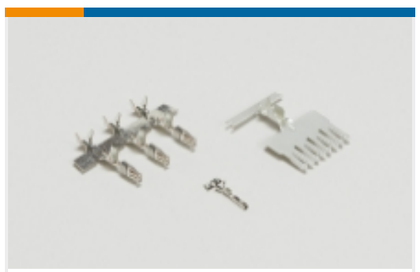
Also in the Series | Junior Timer



Automotive Housings(55)



Automotive Terminals(15)



Busbars & Terminals(1)

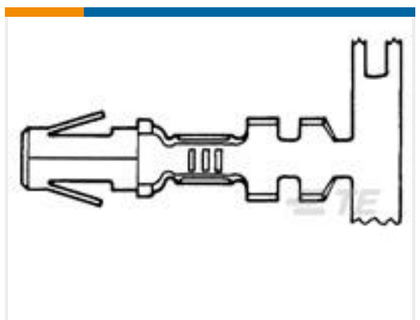


Connector Seals & Cavity Plugs(1)

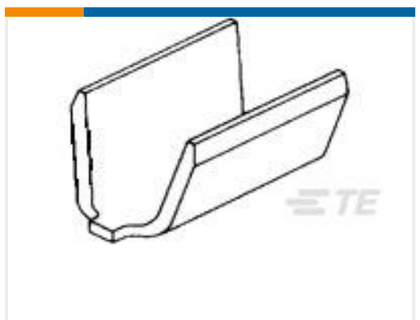
Customers Also Bought



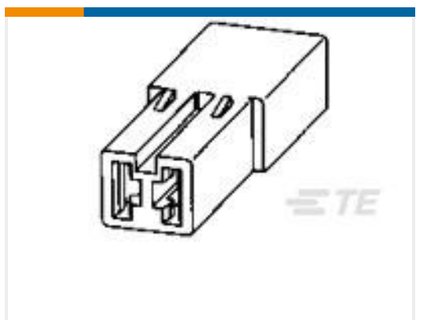
TE Part # 444011-1
ECONOSEAL, CONNECTOR HOUSING



TE Part # 350200-1
.140 DIA SOK 14-10 PTPBR



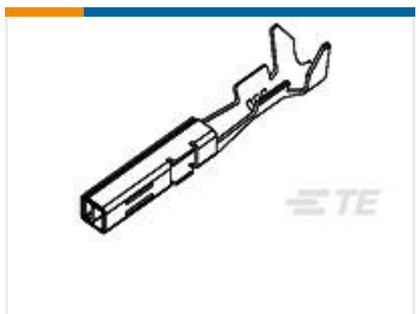
TE Part # 60932-2
SPLICE 2500-4700 .020 TPST



TE Part # 881600-1
FF 250 HOUSING RECEPTACLE NATURAL PA.6.6



TE Part # 880110
FASTON HOUSING RECEPTACLE NAT NYLON



TE Part # 880698-1
ECONOSEAL REC .070



TE Part # 880305
FF 250 HOUSING REC POLYAMIDE 6.6 NAT

TE Part # 1-880298-1
2 WAY FASTIN-ON RECEP HOUSING

Documents

Product Drawings

12P JUNIOR-TIMER GH

German

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_827603-1_C2.2d_dxf.zip

English

Customer View Model

ENG_CVM_827603-1_C2.3d_igs.zip

English

Customer View Model

ENG_CVM_827603-1_C2.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Datasheets & Catalog Pages

Timer Interconnection System

English