828840-1 ✔ ACTIVE

AMP | Junior Power Timer, Junior Timer

TE Internal #: 828840-1

12 V / 24 V, 3 Position, Automotive Housing for Female Terminals, Wire-to-Board, 5 mm [.197 in] Centerline, Sealable, Black, Wire & Cable, Hybrid

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings > Timer Connector Housing







Nominal Voltage Architecture: **12 V, 24 V**

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

Number of Positions: **3**

Sealable: **Yes**

Operating Temperature Range: **-40 – 130 °C [-40 – 266 °F]**

All Timer Connector Housing (436)

Features

Product Type Features

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

Configuration Features

Number of Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	12 VDC

Nominal Voltage Architecture	12 V, 24 V

Body Features

Cable Exit Angle	180 °
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

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

Housing Features

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

Dimensions

Product Width	28 mm[1.102 in]
Product Length	29.5 mm[1.161 in]
Connector Height	23.5 mm[.925 in]

Usage Conditions

Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]
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]

Operation/Application

Circuit Application	Power

Industry Standards

UL Flammability Rating	UL 94HB

Packaging Features

Packaging Method	Bag

Other

Serviceable	Yes
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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUN 2015 (163) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

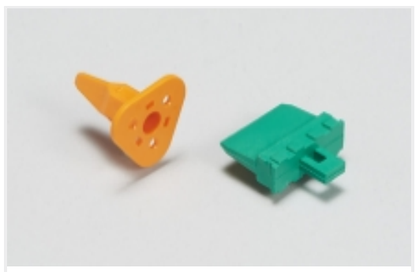
Product Compliance Disclaimer

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

TE Part # 929553-1
3P JUN-TIMER GEH

Also in the Series | Junior Power Timer



Automotive Connector Locks & Position Assurance(8)



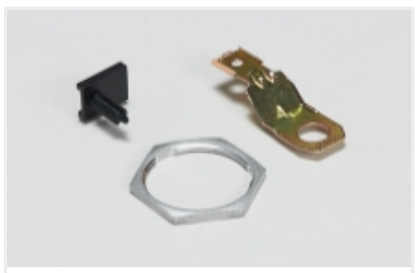
Automotive Housings(38)



Automotive Seals & Cavity Plugs(8)



Automotive Signal & Power Connector Housings(38)



Other Automotive Connector Accessories(3)

Also in the Series | Junior Timer

Automotive Headers(3)

Automotive Housings(38)

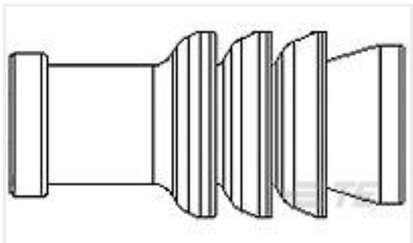
Automotive Signal & Power Connector Housings(38)

Busbars & Terminals(1)

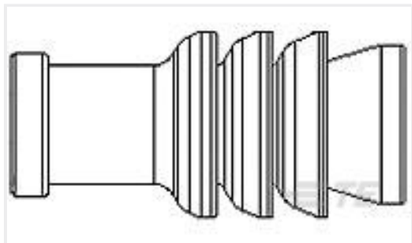
Customers Also Bought



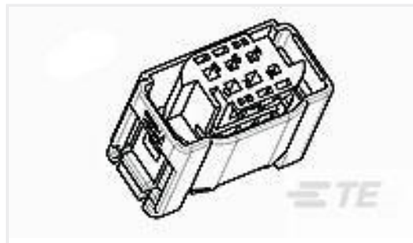
TE Part #0838016002
RBK-VWS-125-NR1-X-50MM



TE Part #967056-1
MQS BLINDSTOPFEN4MM



TE Part #967067-1
MQS SGL WIRE SEAL



TE Part #1-967616-1
6POS MQS REC SEALED COD A

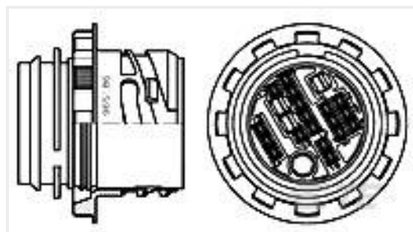


TE Part #1394133-1
SINGLE WIRE SEAL BLUE

TE Part #2236139-1
BLIND CONNECTOR,TE,MCON 0,5



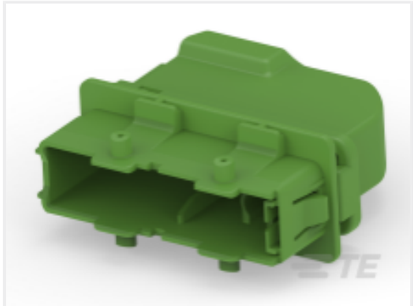
TE Part #2318083-1
FASTENERS,1POS,AMP MCP 2.8,SOC HSG



TE Part #7-963683-1
TAB HOUSING 21POS FOR 1,5/2,8 TAB



TE Part #1-1452102-1
DIAG.SCHNITTST.MOST



TE Part #1-2208434-1
21POS, MIXED,TAB HSG,ASSY

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_828840-1_K.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_828840-1_K.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_828840-1_K.3d_stp.zip

English

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

Datasheets & Catalog Pages

889759_3_Timer_Interconnection_System

English