281844-1 ✔ ACTIVE

AMP | Timer Connector System

TE Internal #: 281844-1

Housing for Male Terminals, Wire-to-Device / Wire-to-Board, 2 Position, .196 in [5 mm] Centerline, Sealable, Black, Timer Connector System

View on TE.com >

Connectors > Automotive Connectors > Connector Housings > TIMER, CONNECTOR HOUSING

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

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

Number of Positions: **2**

Centerline (Pitch): **5 mm [.196 in]**

Sealable: **Yes**

All TIMER, CONNECTOR HOUSING (541)

Features

Product Type Features

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

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

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

Body Features

Cable Exit Angle	180°
Body Material	PA
Primary Product Color	Black

Connector Code	Neutral

Contact Features

Contact Size	2.8mm
Contact Type	Tab
Contact Current Rating (Max)	20 A

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	5 mm[.196 in]

Dimensions

Product Width	22 mm[.866 in]
Product Length	23.4 mm[.921 in]
Product Height	36.9 mm[1.453 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F]
Operating Temperature Range	-30 – 125 °C[-22 – 257 °F]

Operation/Application

Circuit Application	Power

Packaging Features

Packaging Method	Bag

Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

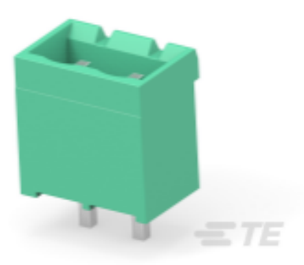
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) 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

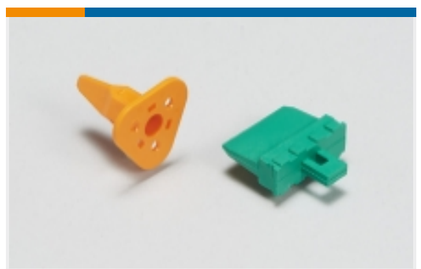
Compatible Parts



TE Part # 796636-2
2POS 5.08MM CE VRT HDR,TRM BLK

Also in the Series | Timer Connector System

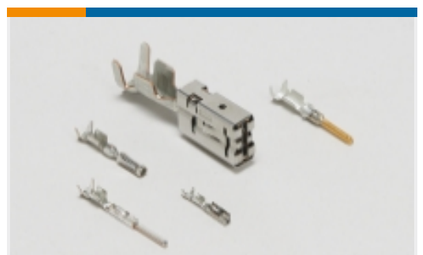
Automotive Connector Caps & Covers (11)



Automotive Connector Locks & Position Assurance(16)

Automotive Housings(218)

Automotive Seals & Cavity Plugs(31)

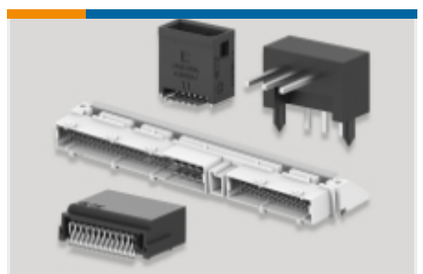


Automotive Terminals(130)

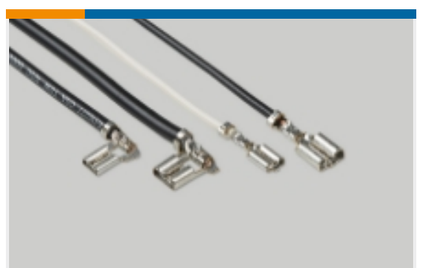
Crimp Terminal Housings(13)

Insertion & Extraction Tools(20)

Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(78)



Quick Disconnects(4)

Documents

Product Drawings

BOIT PORTE-CLIP 2P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_281844-1_G_c-281844-1-g.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_281844-1_G_c-281844-1-g.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_281844-1_G_c-281844-1-g.3d_stp.zip

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