

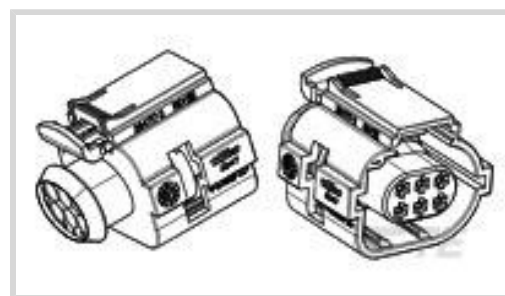
AMP | Timer Connector System, Junior Power Timer

TE Internal #: 284716-4

Housing for Female Terminals, Wire-to-Wire, 6 Position, 4 mm [.157 in] Centerline, Sealable, Black, Wire & Cable, Signal, Hybrid

[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Housings > Timer Connector Housing

Connector System: **Wire-to-Wire**Number of Positions: **6**Connector & Housing Type: **Housing for Female Terminals**Centerline (Pitch): **4 mm [.157 in]**Sealable: **Yes**[All Timer Connector Housing \(497\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	6
Number of Rows	2

Housing Features

Centerline (Pitch)	4 mm [.157 in]
Housing Material	PA GF

Contact Features

Mating Tab Width	1.6 mm [.062 in]
Contact Current Rating (Max)	10 A
Contact Size	1.6mm



Contact Type

Receptacle

Body Features

Primary Product Color

Black

Cable Exit Angle

180°

Operation/Application

Circuit Application

Signal

Mechanical Attachment

Connector Mounting Type

Cable Mount (Free-Hanging)

Strain Relief

Without

Terminal Position Assurance

Yes

Mating Alignment Type

Polarized

Mating Alignment

With

Usage Conditions

Operating Temperature (Max)

140 °C[284 °F]

Operating Temperature Range

-40 – 140 °C[-40 – 284 °F]

Electrical Characteristics

Nominal Voltage Architecture

24 V, 12 V

Operating Voltage

24 VDC

Other

Connector Position Assurance Capable

Yes

EU RoHS Compliance

Compliant

EU ELV Compliance

Compliant

Serviceable

Yes

Dimensions

Row-to-Row Spacing

5 mm[.197 in]

Product Width

24.2 mm[.953 in]

Product Length

29.4 mm[1.157 in]

Connector Height

30.3 mm[1.193 in]

Packaging Features

Packaging Method

Bag

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 | [Timer Connector System](#)



Automotive Connector Caps & Covers (13)



Automotive Connector Locks & Position Assurance (15)



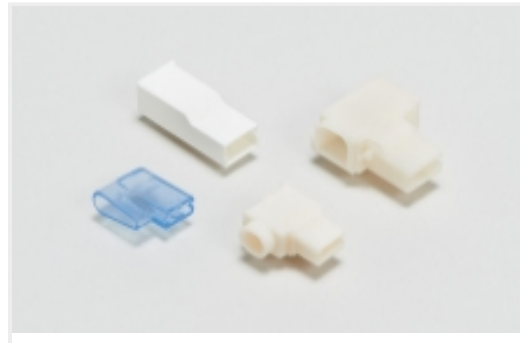
Automotive Housings (207)



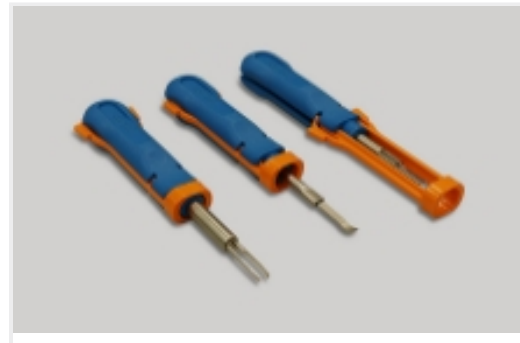
Automotive Terminals (110)



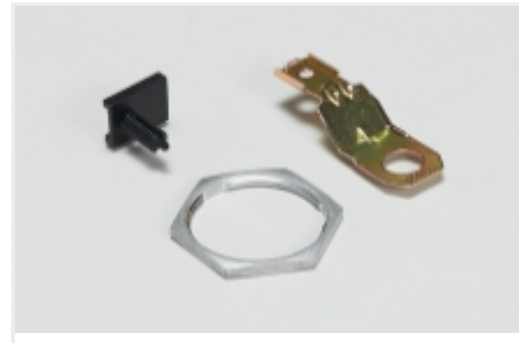
Connector Seals & Cavity Plugs (36)



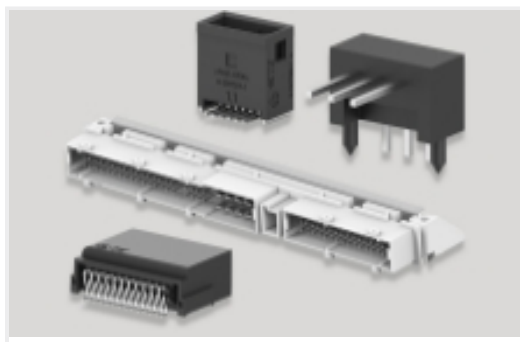
Crimp Terminal Housings (13)



Insertion & Extraction Tools (18)



Other Automotive Connector Accessories (1)



PCB Headers & Receptacles (40)

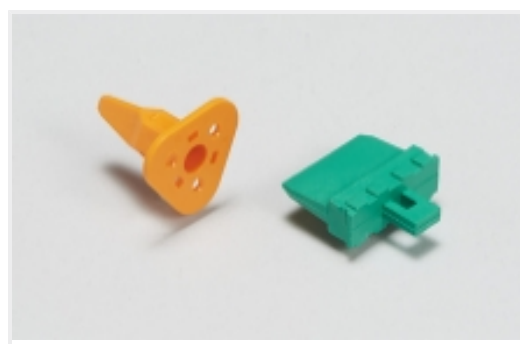


Quick Disconnects (4)

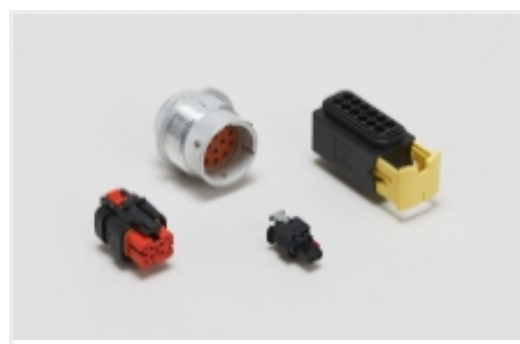
Also in the Series | **Junior Power Timer**



Automotive Connector Caps & Covers (9)



Automotive Connector Locks & Position Assurance (8)



Automotive Housings (306)



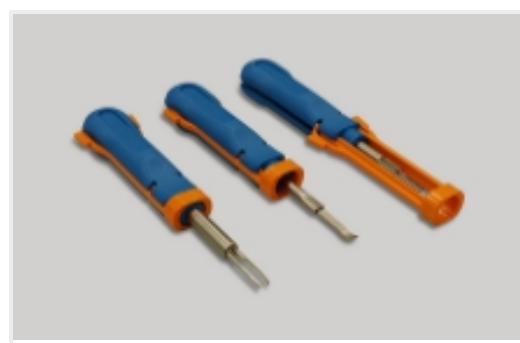
Automotive Terminals (153)



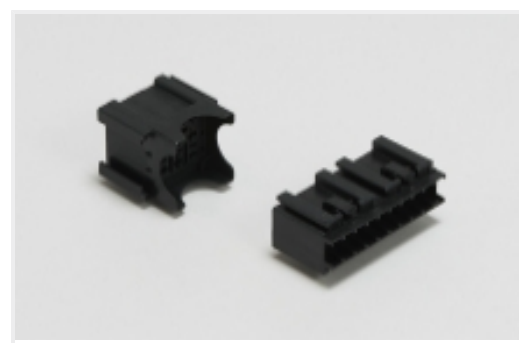
Busbars & Terminals (1)



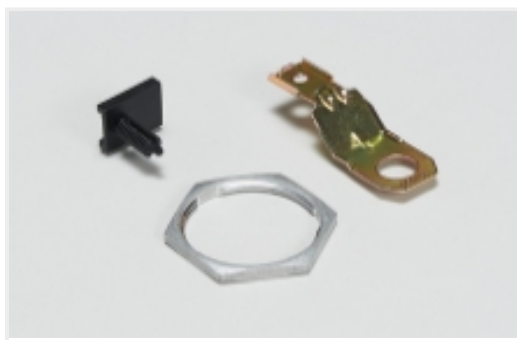
Connector Seals & Cavity Plugs (8)



Insertion & Extraction Tools (8)



Module Components (1)

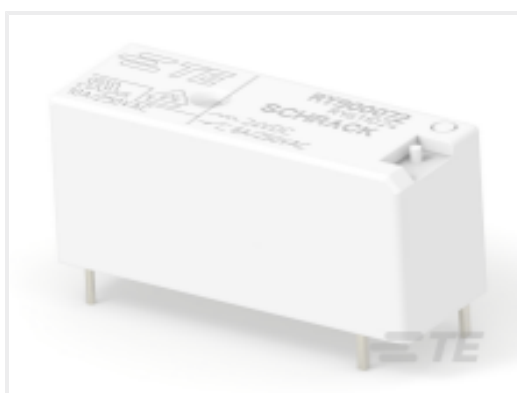


Other Automotive Connector Accessories(2)



Special Purpose Terminals(2)

Customers Also Bought

TE Part #962876-2
TIMER, RECEPTACLE AND TABTE Part #345255-1
ANTI-BACKOUT 3WAY TAB
HSGECONOTE Part #1-1718624-2
2 POS HSG AMP MCP 2.8 ASSYTE Part #1-2208720-1
105POS,MCON 1.2 CB,REC HSG,
ASSY,SLDTE Part #2050049-1
3POS 2.8MM SENSOR PLUG ASSYTE Part #2208714-1
2. LOCK,MCON1,2 CBTE Part #9-2208738-9
PLATE,FAMILY SEAL COVER,105POSTE Part #2137753-1
Cover for 60P ECU connectorTE Part #7-1393225-0
RY900072 (RY611024)

Documents

Product Drawings

6 P. REC CONN X UEGO CONN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_284716-4_D.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_284716-4_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_284716-4_D.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

[Product Specification](#)

English

Instruction Sheets

[Instruction Sheet \(non U.S.\)](#)

English