284716-4 ✔ ACTIVE

AMP | Junior Power Timer, Timer Connector System

TE Internal #: 284716-4

12 V / 24 V / 48 V, 6 Position, Automotive Housing for Female Terminals, Wire-to-Wire, 4 mm [.157 in] Centerline, Sealable, Black, Hybrid

View on TE.com >

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







Nominal Voltage Architecture: **12 V, 24 V, 48 V**

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

Number of Positions: **6**

Sealable: **Yes**

Operating Temperature Range: **-40 – 140 °C [-40 – 284 °F]**

All Timer Connector Housing (435)

Features

Product Type Features

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

Configuration Features

Number of Positions	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	24 VDC

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Nominal Voltage Architecture	12 V, 24 V, 48 V

Body Features

Cable Exit Angle	180 °
Primary Product Color	Black

Contact Features

Contact Size	1.6mm
Contact Type	Receptacle
Mating Tab Width	1.6 mm[.063 in]
Contact Current Rating (Max)	10 A

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Polarization
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA 46 GF30
Centerline (Pitch)	4 mm[.157 in]

Dimensions

Row-to-Row Spacing	4 mm[.157 in]
Product Width	30.3 mm[1.19 in]
Product Length	29.4 mm[1.15 in]
Connector Height	24.2 mm[.95 in]

Usage Conditions

Operating Temperature Range	-40 – 140 °C[-40 – 284 °F]
Operating Temperature (Max)	140 °C[284 °F]

Operation/Application

Circuit Application	Power

Industry Standards

IP Rating	IPX9K

Packaging Features

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Packaging Quantity	100
Packaging Method	Bag

Other

Serviceable	Yes
Connector Position Assurance Capable	Yes

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: JUNE 2025 (250) 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

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TE Part # CAT-N05-AT16
1.6 mm Automation Ready Terminals for Automotive Wire Harness Production and Advanced Assembly Automation



TE Part # 963531-1
BLINDSTOPFEN



TE Part # 964972-1
EINZELLEITERDICHTNG

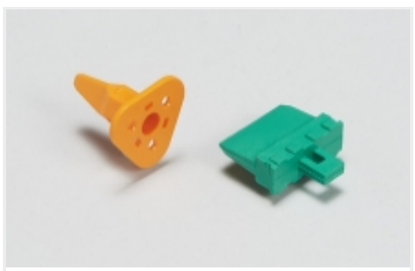


TE Part # 963530-1
EINZELLEITERDICHTNG

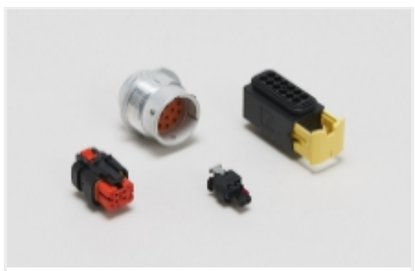
Also in the Series | Junior Power Timer



Automotive Connector Caps & Covers (12)



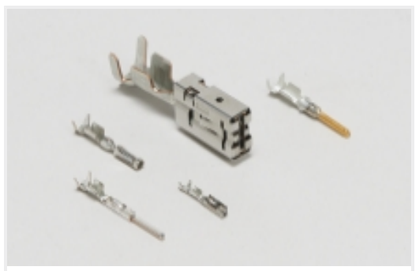
Automotive Connector Locks & Position Assurance(15)



Automotive Housings(185)



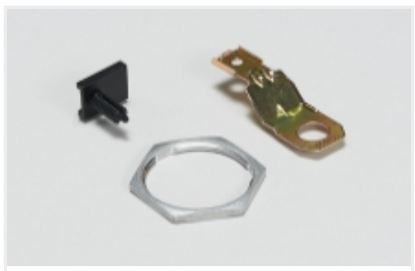
Automotive Signal & Power Connector Housings(135)



Automotive Terminals(110)



Connector Seals & Cavity Plugs(32)

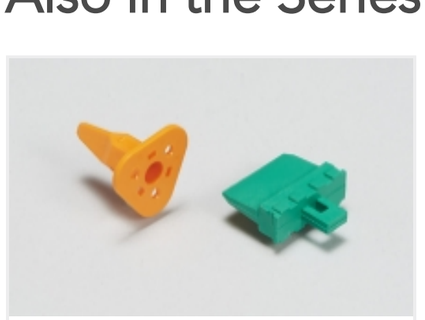


Other Automotive Connector Accessories(1)



Special Purpose Terminals(2)

Also in the Series | Timer Connector System



Automotive Connector Locks & Position Assurance(15)



Automotive Housings(185)



Automotive Signal & Power Connector Housings(135)



Connector Seals & Cavity Plugs(32)

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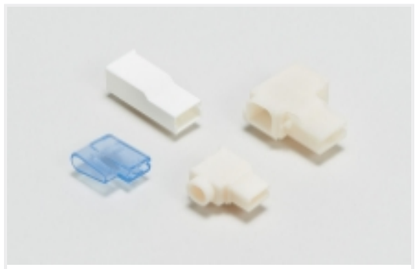
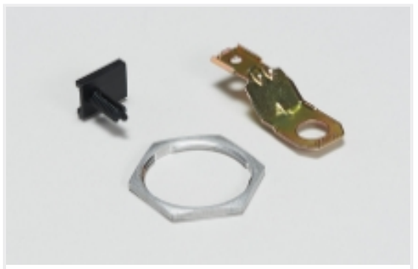


Crimp Terminal Housings(13)



Other Automotive Connector Accessories(1)

Customers Also Bought



TE Part #063725P028
ES2000-NO.2-B9-0-25MM



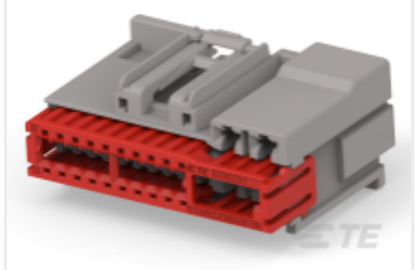
TE Part #1241608-6
MQS1,5 Ag rec CB unseal. 0,75-1,5



TE Part #1703768-3
14POS,AMP MCP1.5K,SOCK HSG, ASSY



TE Part #1813344-1
7p 1.5mm socket housing assy' coding A



TE Part #1-2236269-3
24POS, MIXED,REC HSG, 20GENYMCP,ASSY,CODC



TE Part #2388168-1
TPA REC HSG,4POS,AMP MCP 6.3/4.8K



TE Part #8-1803554-9
ANVIL, COMBINATION

TE Part #2439461-3
DIA 14MM,TERMINAL,FAM SLD /UNSLD,CB

TE Part #2441221-3
CRIMP ANVIL,120MM2,CBT1400

TE Part #2445796-3
CABLE COVER,120MM2,CBT1400

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

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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

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