

282195-2

✓ ACTIVE

AMP | Timer Connector System

TE Internal #: 282195-2

Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 35

Position, .196 in [5 mm] Centerline, Sealable, Black, Timer

Connector System

[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Housings > Timer Connector Housing

Connector System: **Wire-to-Board, Wire-to-Device**Number of Positions: **35**Connector & Housing Type: **Housing for Female Terminals**Centerline (Pitch): **5 mm [.196 in]**Sealable: **Yes**[All Timer Connector Housing \(586\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	35
Number of Rows	2

Electrical Characteristics

Operating Voltage	24 VDC
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Nominal Voltage Architecture 24 V

Body Features

Cable Exit Angle	90°
Primary Product Color	Black
Connector & Keying Code	Neutral

Contact Features

Contact Size	2.8mm
Contact Type	Receptacle
Mating Tab Width	3 mm [.118 in]
Contact Current Rating (Max)	20 A

Mechanical Attachment

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

Housing Features

Housing Material	PA
Centerline (Pitch)	5 mm [.196 in]

Dimensions

Connector Height	35.8 mm [1.409 in]
Product Width	150 mm [5.906 in]
Product Length	146 mm [5.748 in]
Row-to-Row Spacing	5.6 mm [.22 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
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Packaging Features

Packaging Method

Box

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 2023
(235)Candidate List Declared Against: JUNE
2022 (224)

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 # 825213-1
35 POS TAB HOUSING



TE Part # 281812-1
COVER FOR 25W. SPLASH PROOF CO

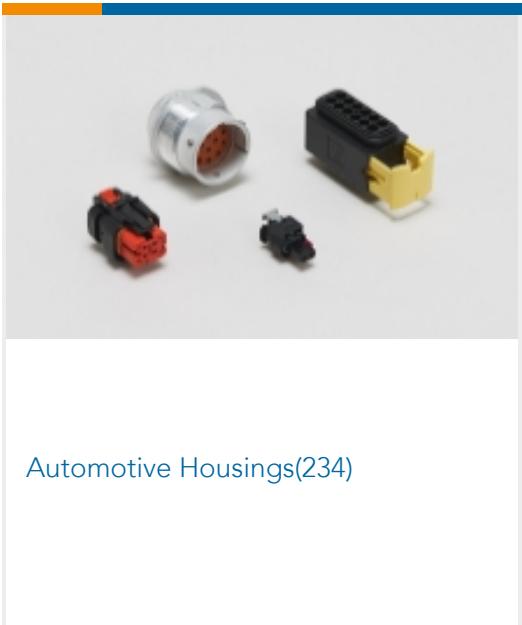
Also in the Series | Timer Connector System



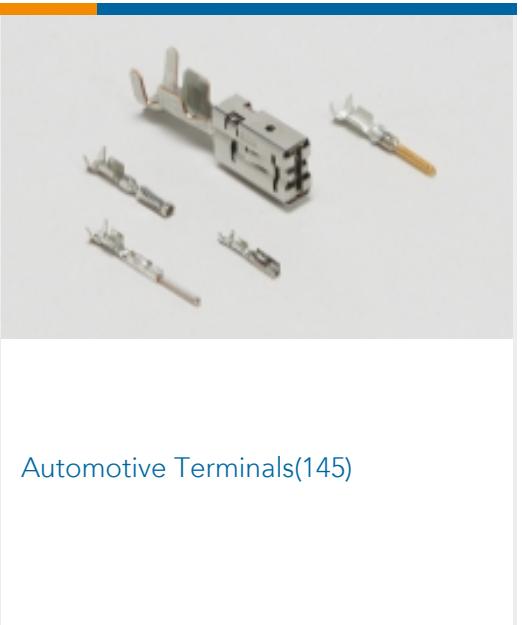
Automotive Connector Caps & Covers (12)



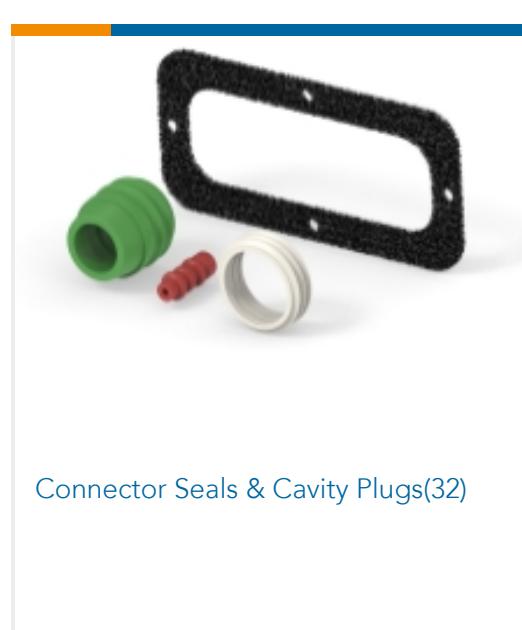
Automotive Connector Locks & Position Assurance (17)



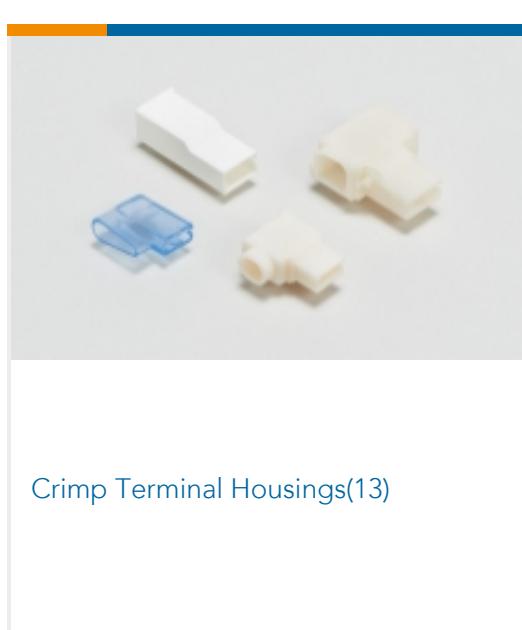
Automotive Housings (234)



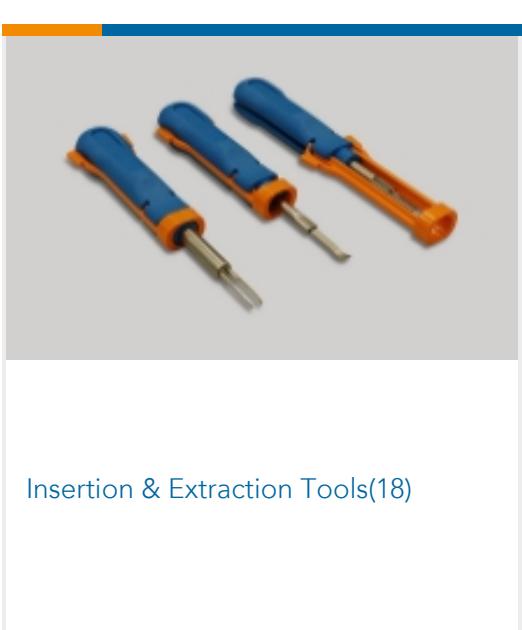
Automotive Terminals (145)



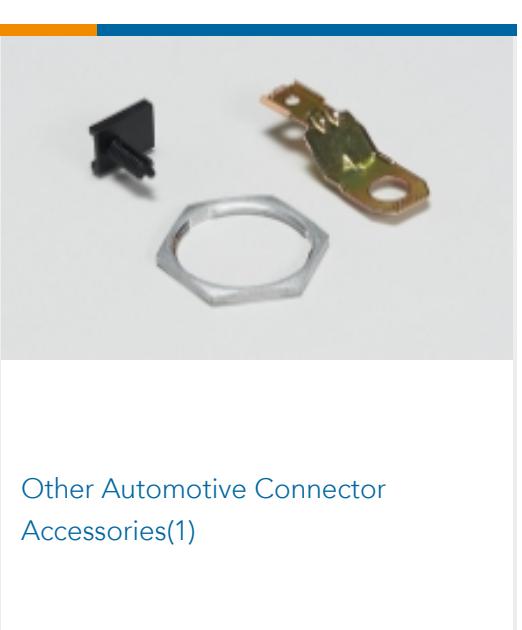
Connector Seals & Cavity Plugs (32)



Crimp Terminal Housings (13)



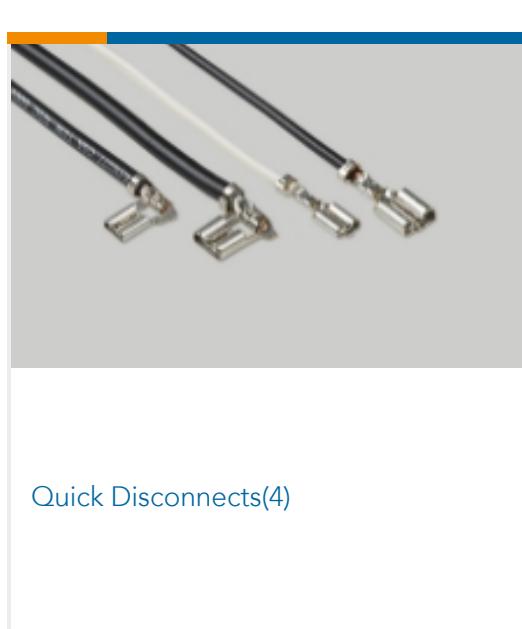
Insertion & Extraction Tools (18)



Other Automotive Connector Accessories (1)



PCB Headers & Receptacles (82)



Quick Disconnects (4)

Customers Also Bought

TE Part #DRBF-2B
FLANGE, MOUNT, 60/48P, BLK, BTE Part #213906-1
CPC PLUG ASSY,SRS 6,SZ 17-10TE Part #1-1393154-2
PT570024TE Part #60617-1
CMNL SOK SNBR L/PTE Part #926895-1
UNIVERSAL M-N-L SOCKETTE Part #163306-2
MATENLOK SOCKTE Part #163558-2
PIN M-N-LTE Part #1622396-1
LR1 1% 240R



Documents

Product Drawings

[SPLASH PROOF CONN. W/S.L.35 WA](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_282195-2_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_282195-2_C.3d_jgs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_282195-2_C.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

[15 AND 35 POS. SPLASH PROOF FEM. CONN. FOR J.P.T.](#)

English