

936421-2 ✓ ACTIVE



Timer Connector System

TE Internal #: 936421-2

Housing for Female Terminals, Wire-to-Wire, 42 Position, .15 in / .19 in [5 mm / 4 mm] Centerline, Sealable, Black, Timer Connector System

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Connectors > Automotive Connectors > Automotive Housings > Timer Connector Housing



Connector System: **Wire-to-Wire**

Number of Positions: **42**

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

Centerline (Pitch): **4 mm, 5 mm [.15 in, .19 in]**

Sealable: **Yes**

[All Timer Connector Housing \(585\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
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

Configuration Features

Blank Cavity Position	0
Number of Positions	42
Number of Rows	5

Electrical Characteristics



Nominal Voltage Architecture	12 V
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Body Features

Cable Exit Angle	180°
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Primary Product Color	Black
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Contact Features

Contact Size	1.6mm, 2.8mm
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Contact Type	Receptacle
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Mating Tab Width	2.5 mm[.098 in]
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Mechanical Attachment

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

Housing Material	PA GF
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Centerline (Pitch)	4 mm, 5 mm[.15 in][.19 in]
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Dimensions

Connector Height	33 mm[1.29 in]
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Product Width	33.4 mm[1.31 in]
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Product Length	52 mm[2.04 in]
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Row-to-Row Spacing	4 mm[.157 in]
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Usage Conditions

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]
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Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94HB
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Packaging Features



Packaging Quantity	90
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 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 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 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 # CAT-T4827-T273
TIMER, RECEPTACLE AND TAB

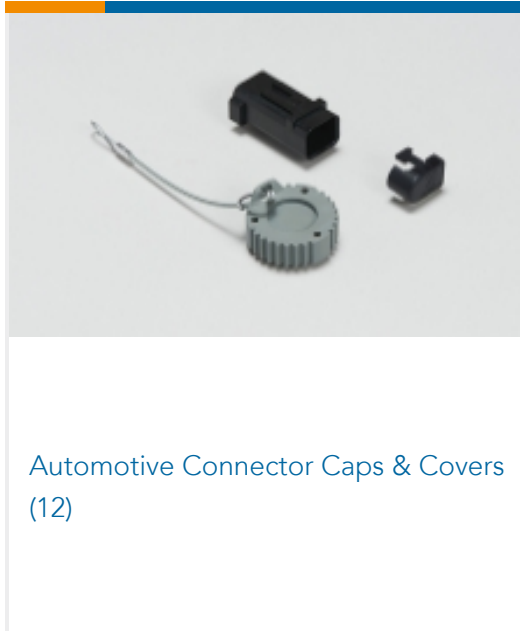


TE Part # 1-936429-2
HYBRID 42P CAP ASSY BLK

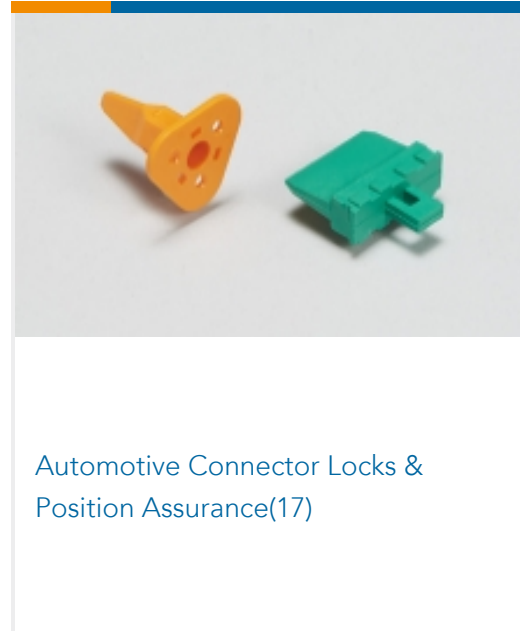


TE Part # 936615-2
HYBRID 42P PLUG COVER HSG

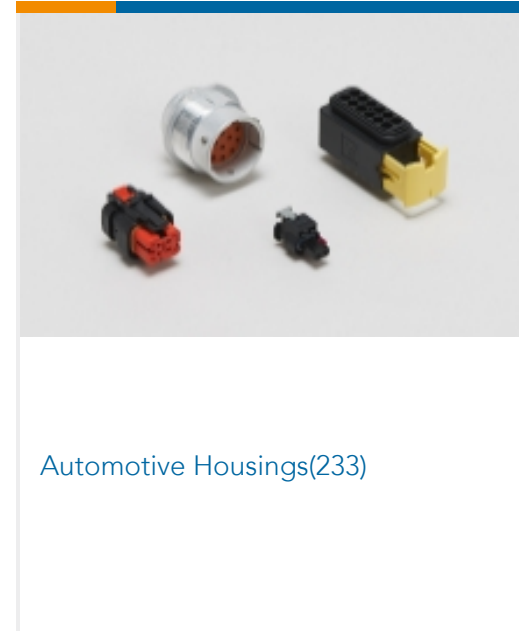
Also in the Series | Timer Connector System



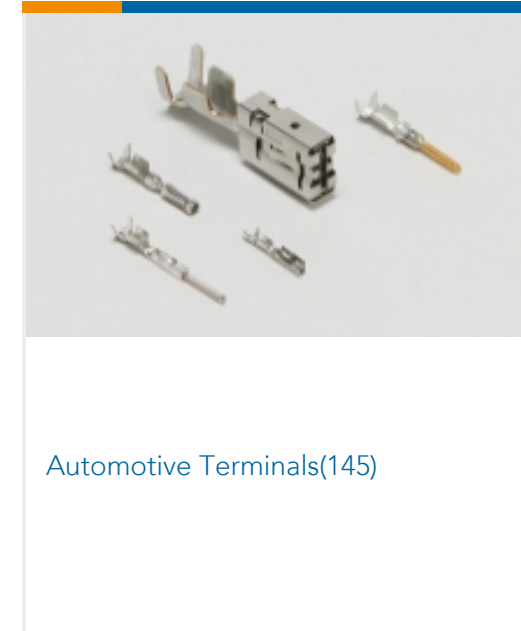
Automotive Connector Caps & Covers
(12)



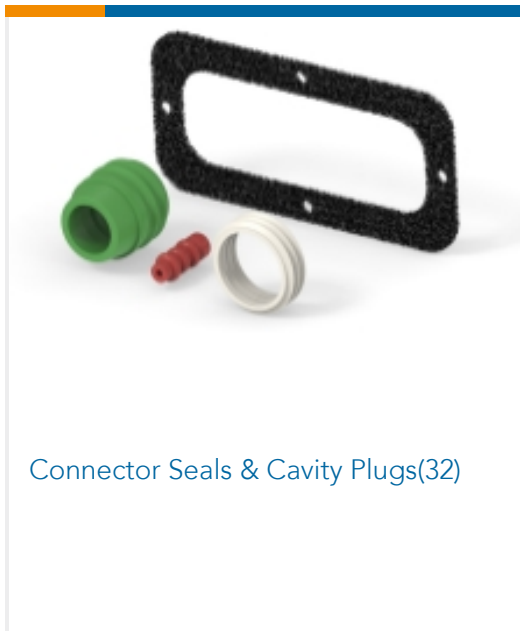
Automotive Connector Locks &
Position Assurance(17)



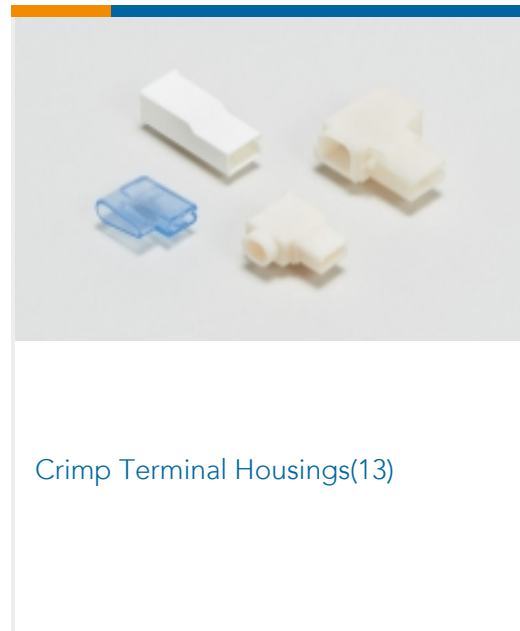
Automotive Housings(233)



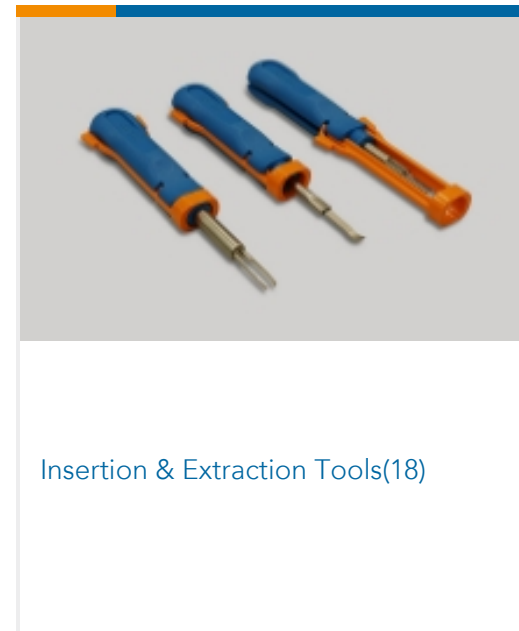
Automotive Terminals(145)



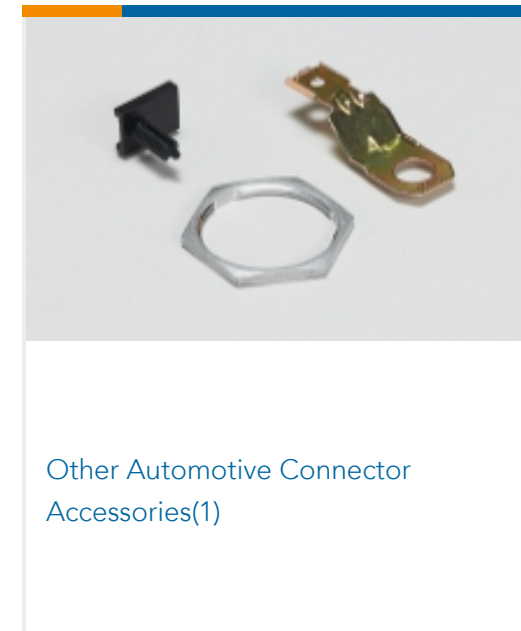
Connector Seals & Cavity Plugs(32)



Crimp Terminal Housings(13)



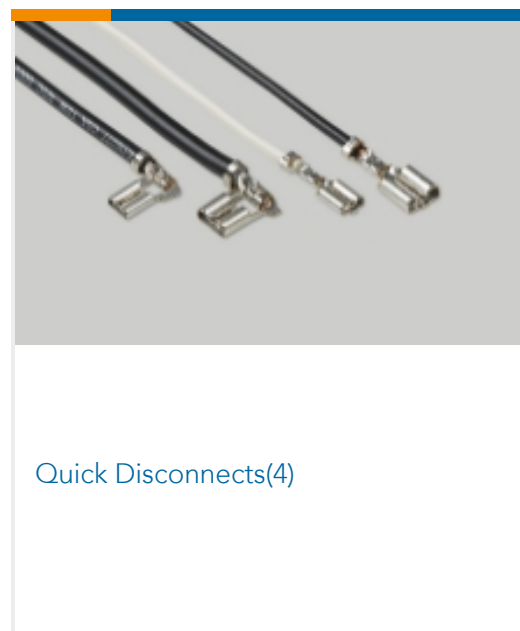
Insertion & Extraction Tools(18)



Other Automotive Connector
Accessories(1)

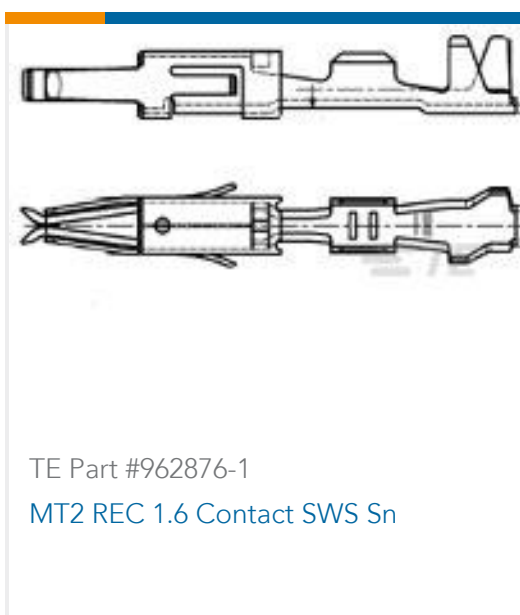


PCB Headers & Receptacles(82)



Quick Disconnects(4)

Customers Also Bought



TE Part #962876-1
MT2 REC 1.6 Contact SWS Sn



TE Part #2-1355123-7
MQS BU-GEH 60P



TE Part #936348-2
025 WW 12P PLUG ASSY BLACK



TE Part #936615-2
HYBRID 42P PLUG COVER HSG



TE Part #936863-1
FAMILY SEAL FOR HYB 42P CAP



TE Part #1743059-2
MT-II/JPT SLD 36P PLUG ASSY



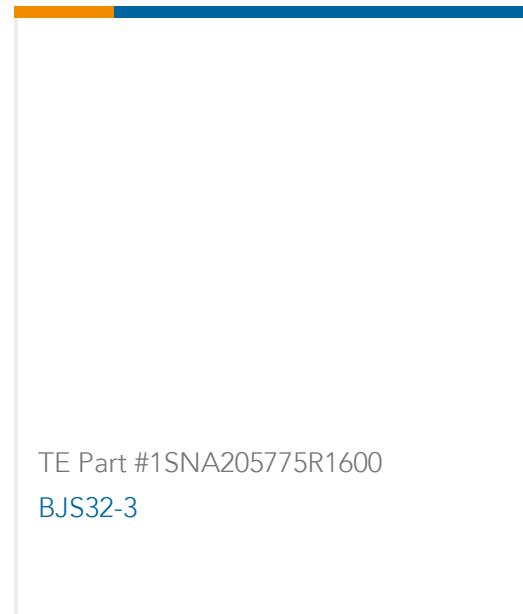
TE Part #2278770-2
8P SOCKET HOUSING



TE Part #2381535-2
TPA REC HSG, 3POS, 0.64 SERIES



TE Part #936614-2
HYBRID 42P CAP COVER HSG



TE Part #1SNA205775R1600
BJS32-3

Documents

Product Drawings

HYBRID 42P PLUG ASSY BLK

English

CAD Files

Customer View Model

[ENG_CVM_CVM_936421-2_C.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_936421-2_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_936421-2_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

MTII JPT 42P

English