



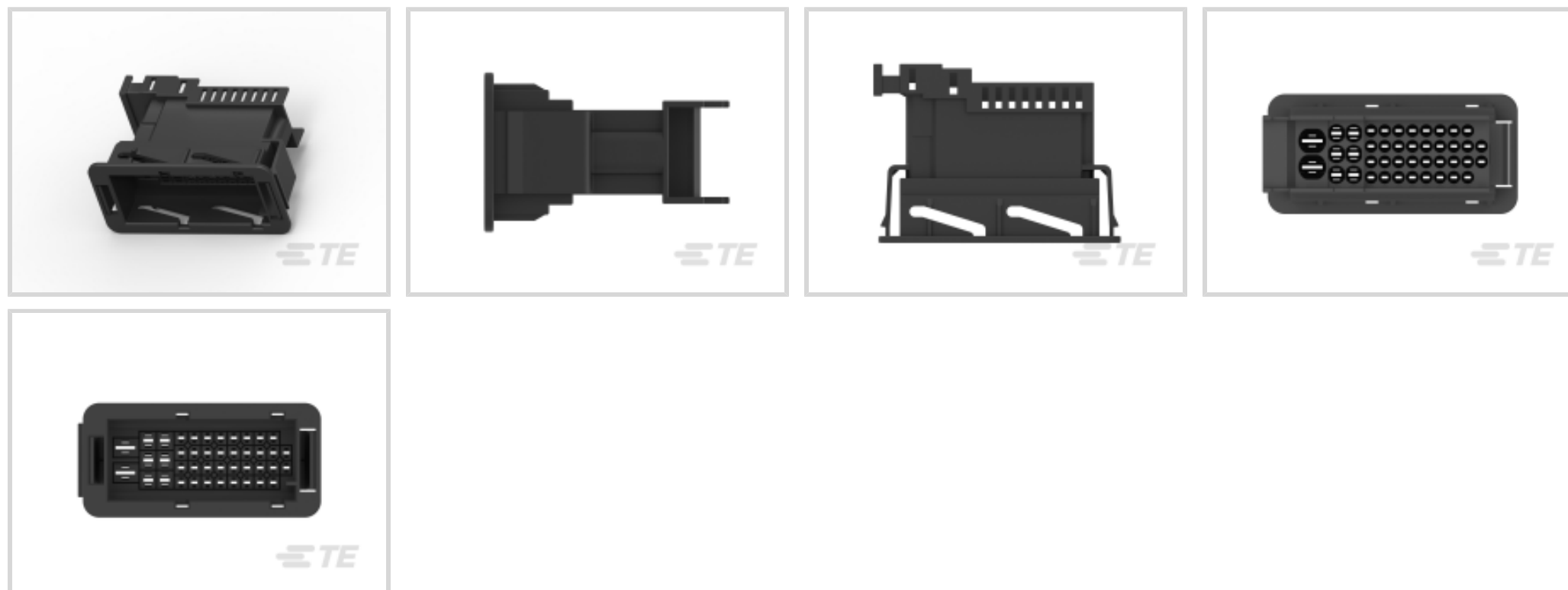
AMP | Timer Connector System

TE Internal #: 968393-1

Housing for Male Terminals, Wire-to-Wire, 42 Position, .157 in [4 mm] Centerline, Sealable, Black, Signal, Panel Mount, Timer Connector System

[View on TE.com >](#)

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



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

Mating Tab Width: **1.6 mm, 2.8 mm, 5.8 mm [.063 in, .11 in, .228 in]**

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

Number of Positions: **42**

Centerline (Pitch): **4 mm [.157 in]**

[All TIMER, CONNECTOR HOUSING \(543\)](#)

Features

Product Type Features

Connector & Housing Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	Yes
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	42
Number of Rows	4

Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V



Body Features

Cable Exit Angle	90°
Body Material	PBT GF
Primary Product Color	Black
Connector Code	1

Contact Features

Contact Size	1.6mm, 2.8mm, 5.8mm
Contact Type	Tab
Mating Tab Width	1.6 mm, 2.8 mm, 5.8 mm [.063 in][.11 in][.228 in]

Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	4 mm [.157 in]
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Dimensions

Product Width	34.7 mm [1.366 in]
Product Length	72 mm [2.835 in]
Product Height	53.4 mm [2.102 in]
Row-to-Row Spacing	4.5 mm [.177 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C [158 °F][167 °F][176 °F][185 °F]
Operating Temperature Range	-40 – 85 °C [-40 – 185 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Method	Carton
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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: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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

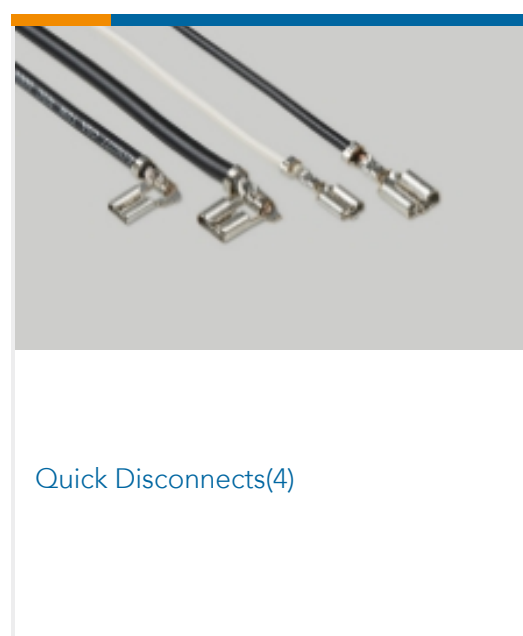
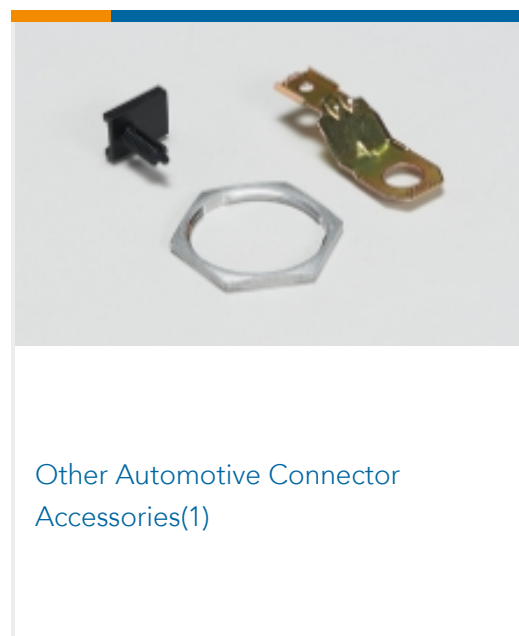
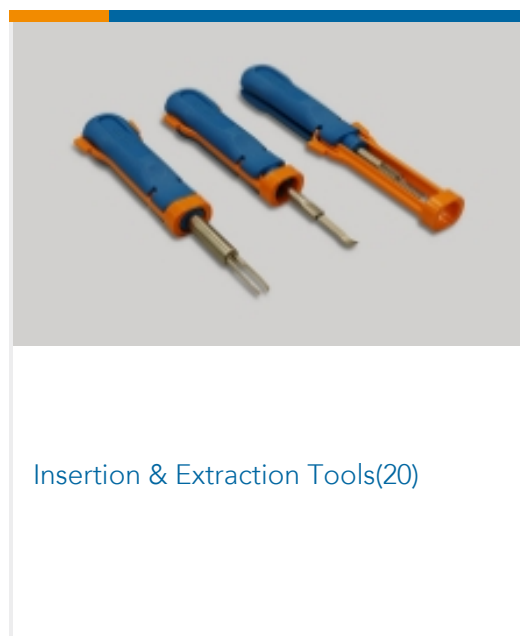
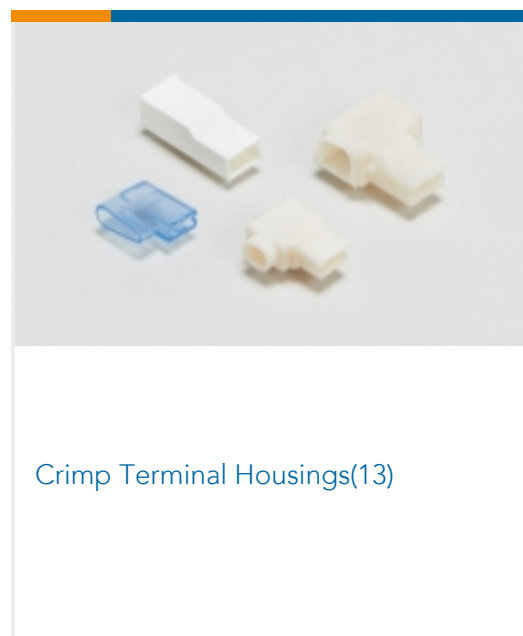
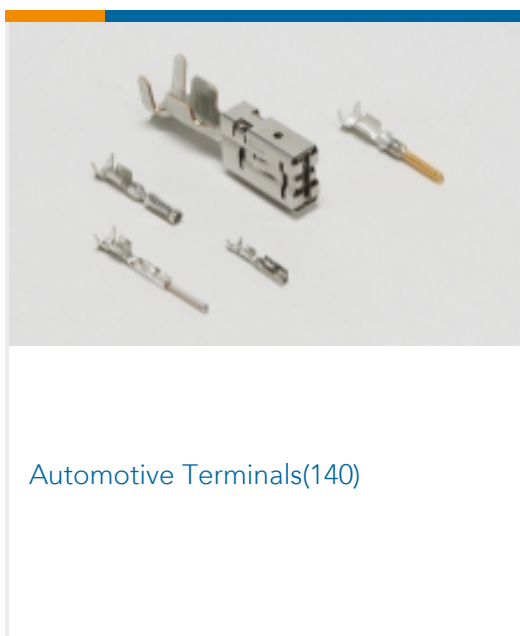
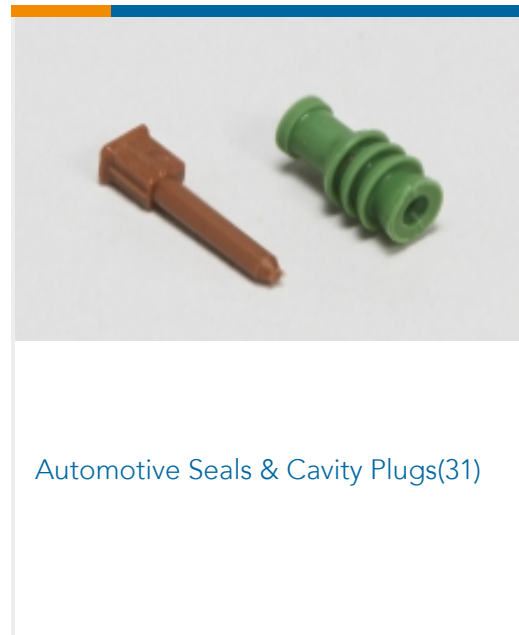
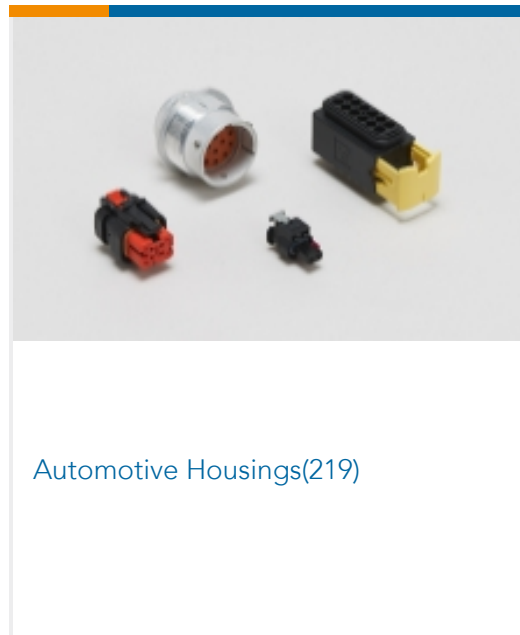
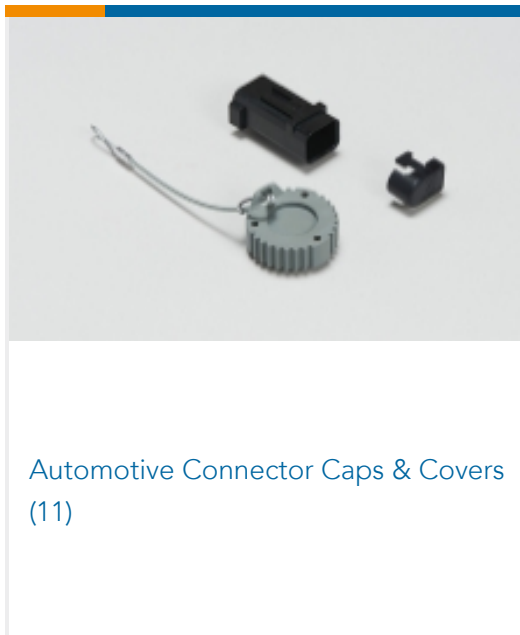
Product Compliance Disclaimer

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

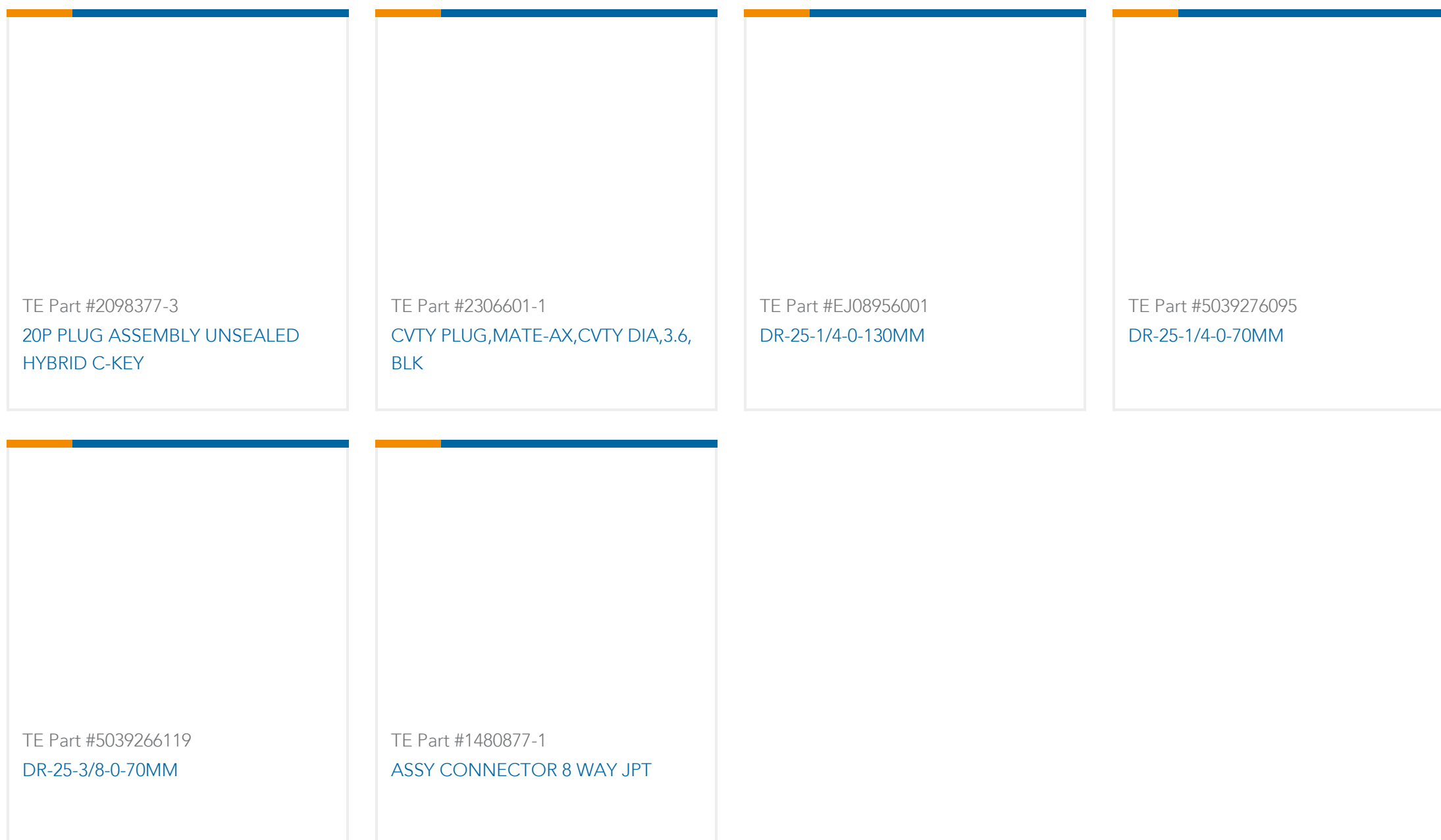


Also in the Series | Timer Connector System



Customers Also Bought





Documents

Product Drawings

T-MIX FLA-ST-GEH42P

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_968393-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_968393-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_968393-1_A.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

42 POS. MIXED DOOR-TO-BODY CONNECTOR

English

Product Specification

English

968393-1

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Sealable, Black, Signal, Panel Mount, Timer Connector System

