

1-963226-1

 ACTIVE

AMP | Timer Connector System

TE Internal #: 1-963226-1

Housing for Female Terminals, Wire-to-Wire, 42 Position, .157 in [4 mm] Centerline, Black, Wire & Cable, Power, Timer Connector System

[View on TE.com >](#)[Connectors > Automotive Connectors > Automotive Housing > Timer Connector Housing](#)Connector System: **Wire-to-Wire**Number of Positions: **42**Connector & Housing Type: **Housing for Female Terminals**Centerline (Pitch): **4 mm [.157 in]**Sealable: **No**[All Timer Connector Housing \(518\)](#)

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	42
Number of Rows	3

### Electrical Characteristics

Nominal Voltage Architecture	12 V
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### Body Features

Primary Product Color	Black
Connector & Keying Code	A1

### Contact Features

Contact Size	1.6mm, 2.8mm
Contact Type	Receptacle
Mating Tab Width	1.6 mm, 2.8 mm[.063 in][.11 in]
Contact Current Rating (Max)	22 A

#### Mechanical Attachment

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

#### Housing Features

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

#### Dimensions

Connector Height	33 mm[1.299 in]
Product Width	30.5 mm[1.201 in]
Product Length	77.2 mm[3.039 in]
Row-to-Row Spacing	6 mm[.236 in]

#### 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]
Operating Temperature Range	-40 - 120 °C[-40 - 248 °F]

#### Operation/Application

Circuit Application	Power
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#### Packaging Features

Packaging Method	Carton
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#### Other

Serviceable	No
Connector Position Assurance Capable	No

#### Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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>

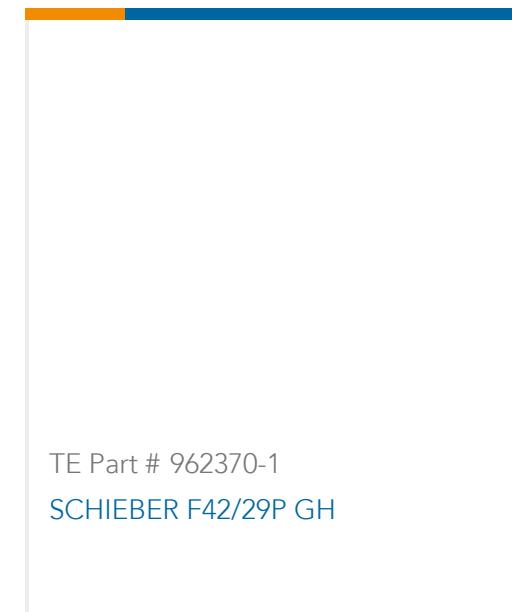
## Compatible Parts



TE Part # 1-963224-1  
42P MESSERLEIST MIX

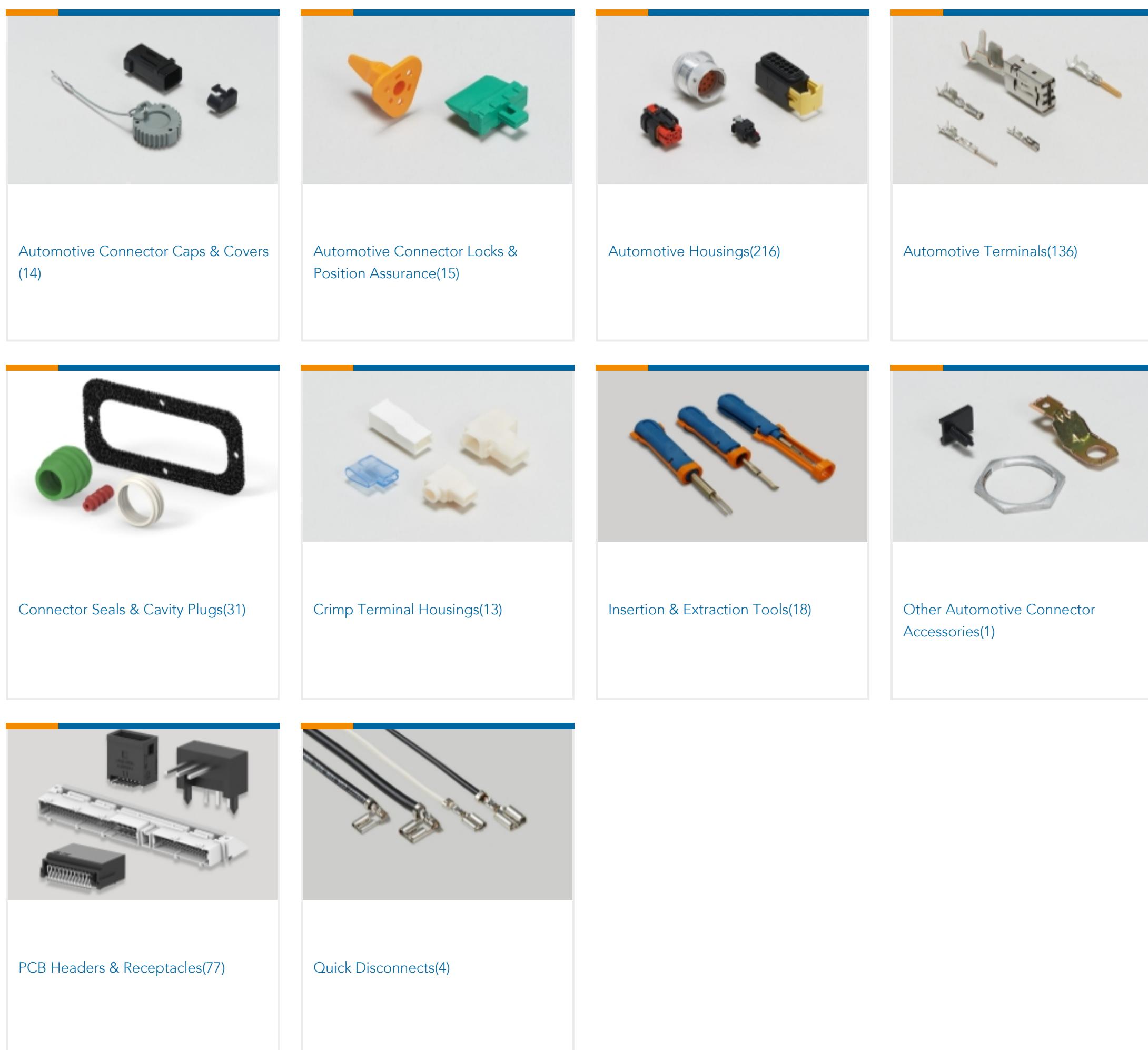


TE Part # 962371-1  
ABDECKKAPPE F42/29P

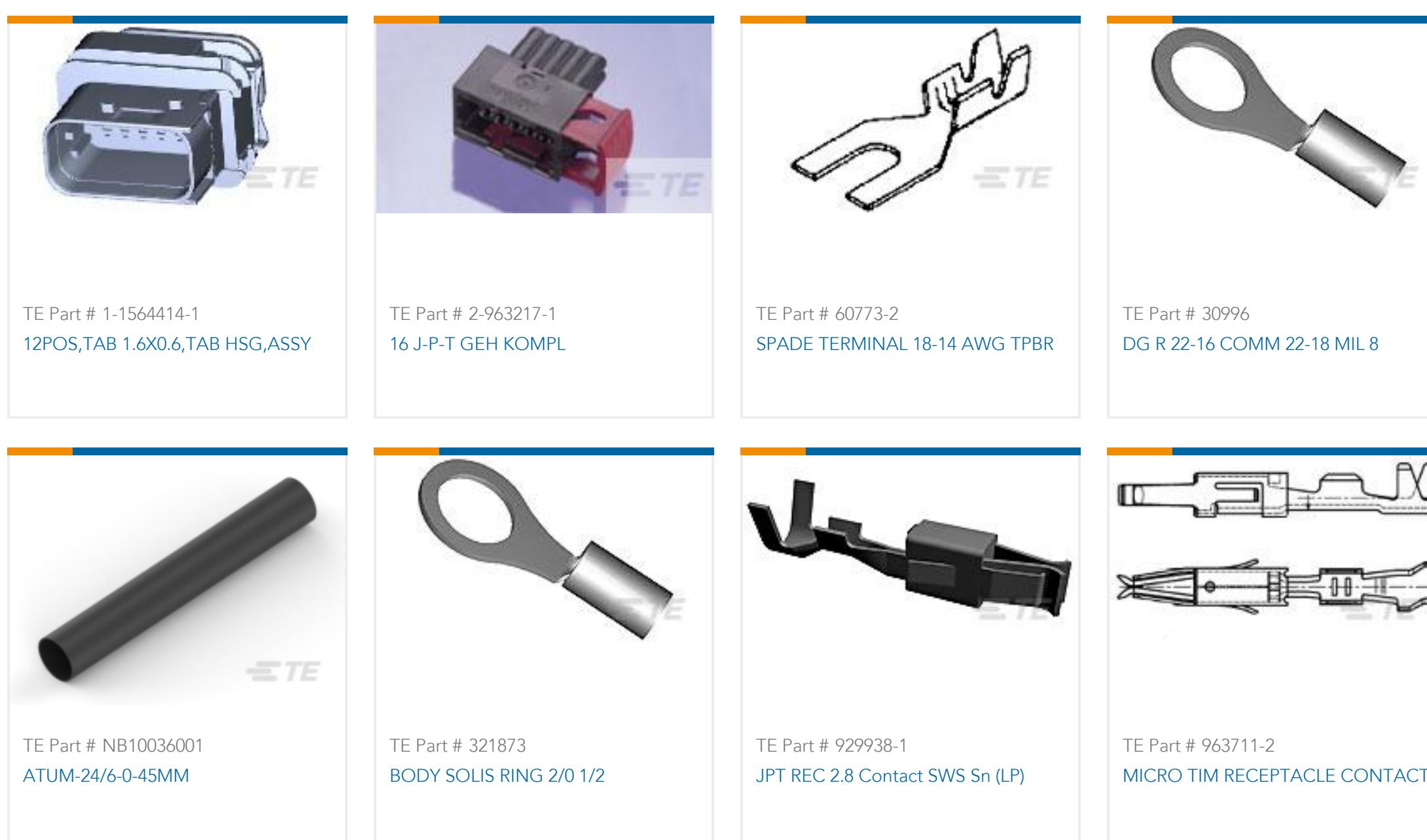


TE Part # 962370-1  
SCHIEBER F42/29P GH

## Also in the Series | [Timer Connector System](#)



## Customers Also Bought



## Documents

**Product Drawings****42P SOCKET HOUSING MIX KPL**

English

**CAD Files****Customer View Model**[ENG\\_CVM\\_CVM\\_1-963226-1\\_C.2d\\_dxf.zip](#)

English

**3D PDF**

3D

**Customer View Model**[ENG\\_CVM\\_CVM\\_1-963226-1\\_C.3d\\_igs.zip](#)

English

**Customer View Model**[ENG\\_CVM\\_CVM\\_1-963226-1\\_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