

1747140-1 ✓ ACTIVE

AMP | 0.64/025 Connector System

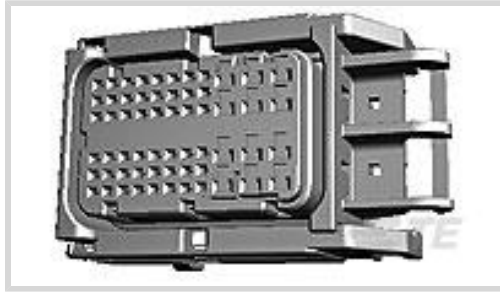
TE Internal #: 1747140-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 60  
Position, 0.64/025 Connector System

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings > TH/.025 CONNECTOR SYSTEM, HOUSING



Connector System: **Wire-to-Board, Wire-to-Device**

Number of Positions: **60**

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

Centerline (Pitch): **3 mm, 4.8 mm, 5 mm [ .189 in, .118 in, .197 in ]**

Sealable: **Yes**

[All TH/.025 CONNECTOR SYSTEM, HOUSING \(177\)](#)

## Features

### Product Type Features

Connector System	Wire-to-Board, Wire-to-Device
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular

### Configuration Features

Number of Positions	60
Number of Rows	4, 6

### Housing Features

Centerline (Pitch)	3 mm, 4.8 mm, 5 mm [.189 in][.118 in][.197 in]
Housing Material	PBT GF

### Contact Features

Mating Tab Width	2.3 mm, .64 mm [.09 in][.025 in]
Contact Size	.64mm, 2.3mm
Contact Type	Receptacle

### Body Features



Primary Product Color	Black
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Cable Exit Angle	180°
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### Operation/Application

Circuit Application	Signal
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### Mechanical Attachment

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

Operating Temperature (Max)	130 °C, 125 °C, 80 °C, 105 °C, 100 °C, 90 °C, 85 °C, 70 °C, 140 °C, 110 °C, 120 °C[248 °F][221 °F][167 °F][158 °F][230 °F][176 °F][194 °F][185 °F][284 °F][212 °F][266 °F][257 °F]
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Operating Temperature Range	-40 – 140 °C[-40 – 284 °F]
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### Electrical Characteristics

Nominal Voltage Architecture	12 V
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Operating Voltage	12 VDC
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### Other

Connector Position Assurance Capable	No
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EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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Serviceable	Yes
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### Dimensions

Row-to-Row Spacing	3 mm[.118 in]
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Product Width	70.5 mm[2.778 in]
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Product Length	36 mm[1.417 in]
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Connector Height	41.6 mm[1.638 in]
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### Industry Standards

UL Flammability Rating	UL 94HB
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### Packaging Features

Packaging Quantity	24
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## 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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 1746817-1  
SEALED EFI ECU 60P PLUG WIRE COVER



TE Part # 1747142-1  
SEALED EFI ECU 60POS LEVER R



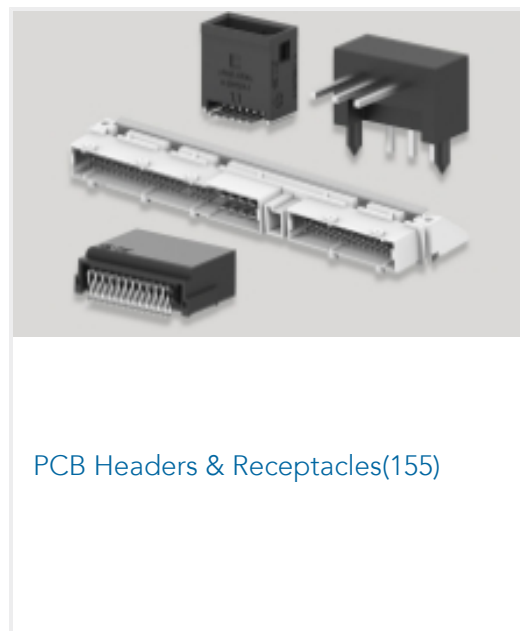
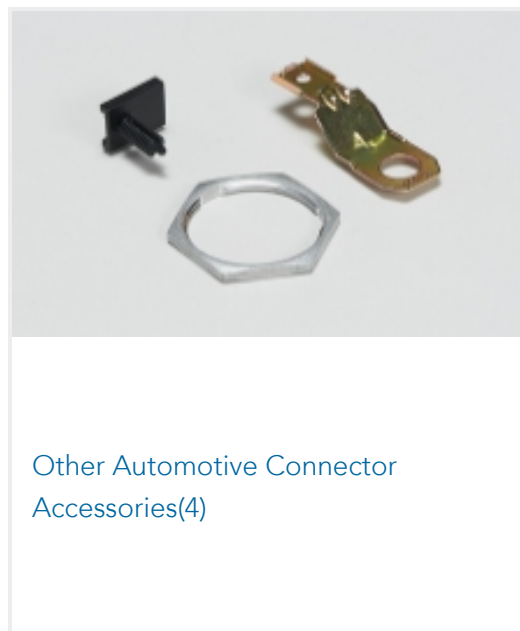
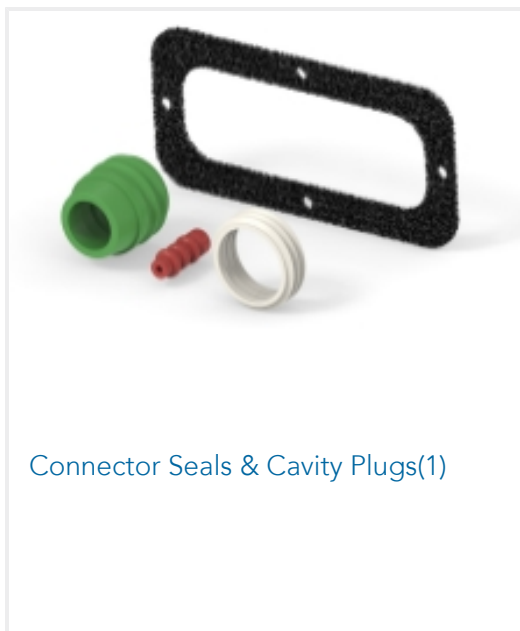
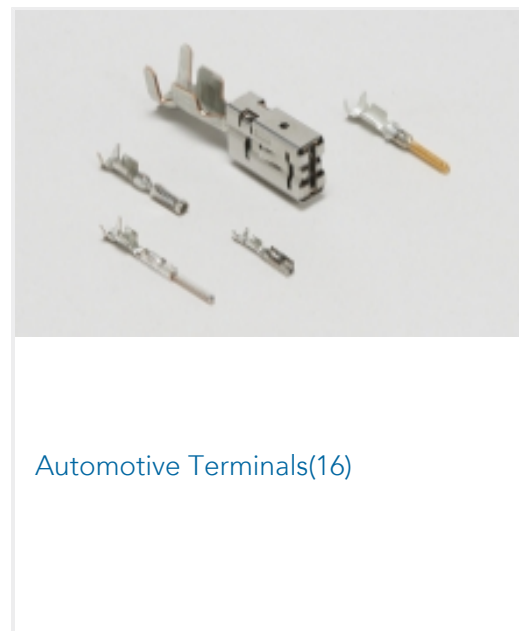
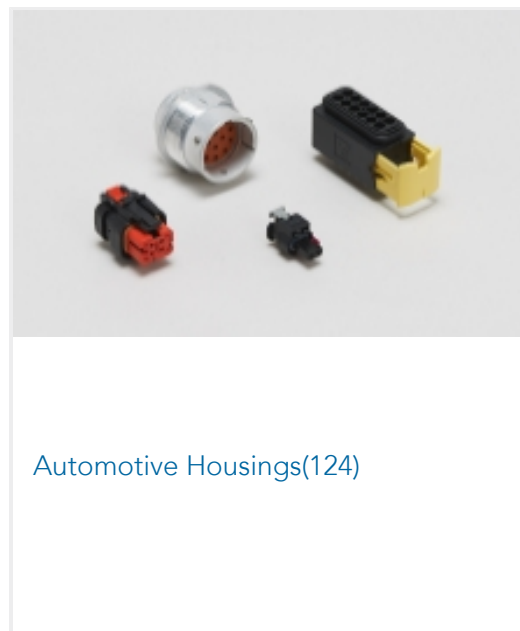
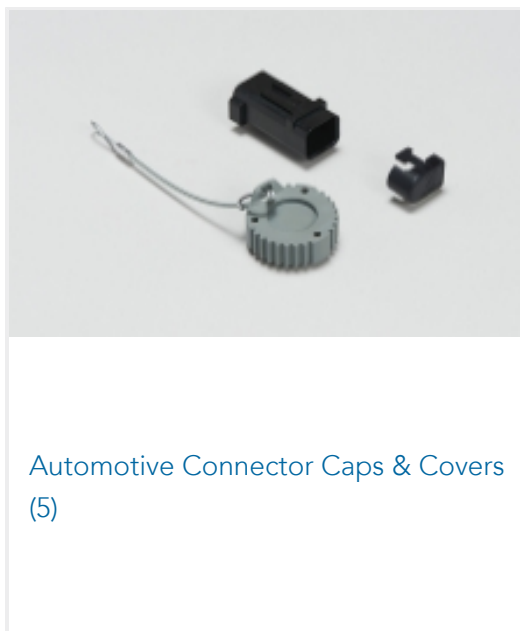
TE Part # CAT-T319-T273  
TH/.025 CONNECTOR SYSTEM, RECPT AND TAB



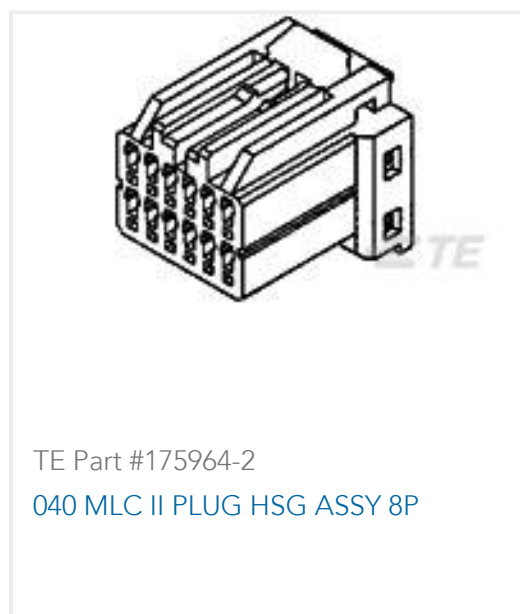
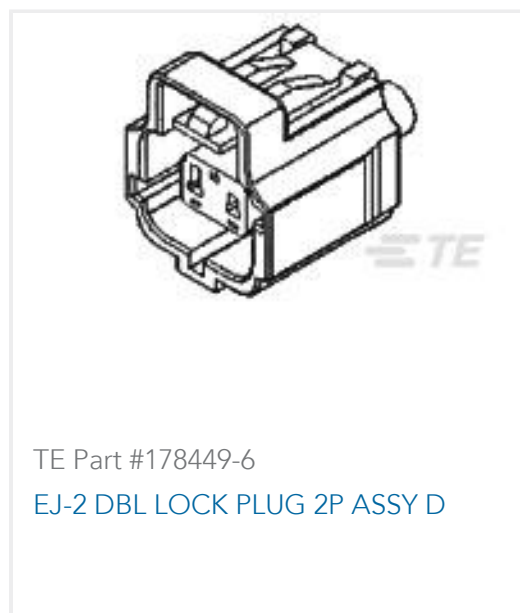
TE Part # 1939393-1  
0.64/2.3II SEALED CLIP



Also in the Series | **0.64/025 Connector System**



Customers Also Bought





## Documents

### Product Drawings

[SEALED EFI ECU 0.64/2.3II 60POS PLUG ASS](#)

Japanese

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### CAD Files

[3D PDF](#)

English

**Customer View Model**

[ENG\\_CVM\\_1747140-1\\_A.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_1747140-1\\_A.3d\\_stp.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_1747140-1\\_A.2d\\_dxf.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Product Specifications

[CRIMPING OF SEALED 0.64 RECEPTACLE](#)

Japanese

[Application Specification](#)

Japanese

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### Instruction Sheets

[Instruction Sheet \(non U.S.\)](#)

English

[Instruction Sheet \(non U.S.\)](#)

Japanese