

8-1703060-6 ✓ ACTIVE

[RAST](#) | [RAST 5 IDC Connectors](#)

TE Internal #: 8-1703060-6

Housing, Receptacle, Wire-to-Wire, 6 Position, .197 in [5 mm]

Centerline, Crimp, 1 Row, Natural, Mating Retention, Wire & Cable,

RAST 5 IDC Connectors

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[Connectors](#) > [PCB Connectors](#) > [Wire-to-Board Connectors](#) > [Wire-to-Board Connector Assemblies & Housings](#)



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **6**

Centerline (Pitch): **5 mm [ .197 in ]**

## Features

### Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Keying & Polarized Rib Location	6b
Number of Positions	6
Number of Rows	1

### Body Features

Primary Product Color	Natural
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### Contact Features

Contact Layout	Inline
Contact Type	Socket

### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

Locking Latch Between Cavity Number	3&4
Strain Relief	Without
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Retention Type	Latch
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

Housing Entry Configuration	Both Ends Closed
Housing Material	PA 66
Centerline (Pitch)	5 mm [.197 in]

### Dimensions

Connector Length	25.5 mm [1.002 in]
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### Usage Conditions

Operating Temperature Range	-40 – 105 °C [-40 – 221 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Industry Standards

RAST Version	None
UL Flammability Rating	UL 94V-2

### Packaging Features

Packaging Quantity	1500
Packaging Method	Bag

### 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 reviewed for solder process capability

Product Compliance Disclaimer

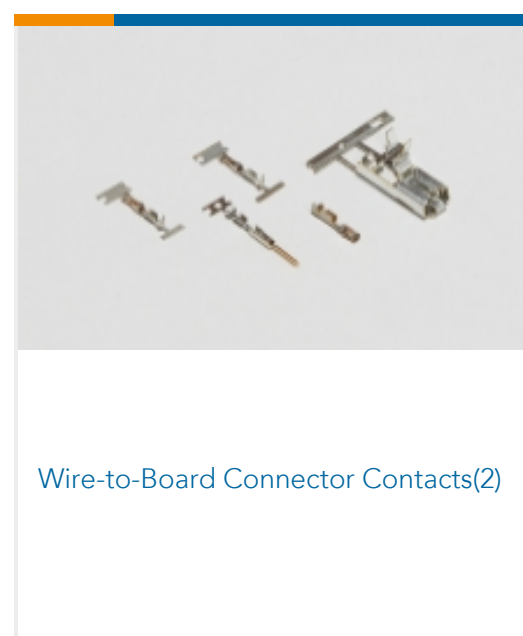
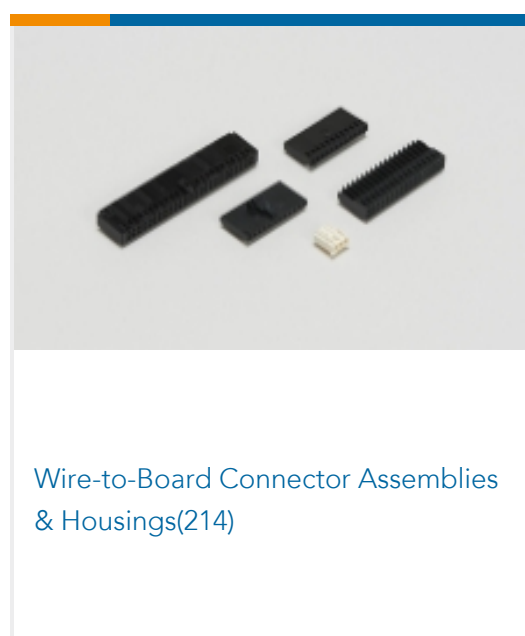
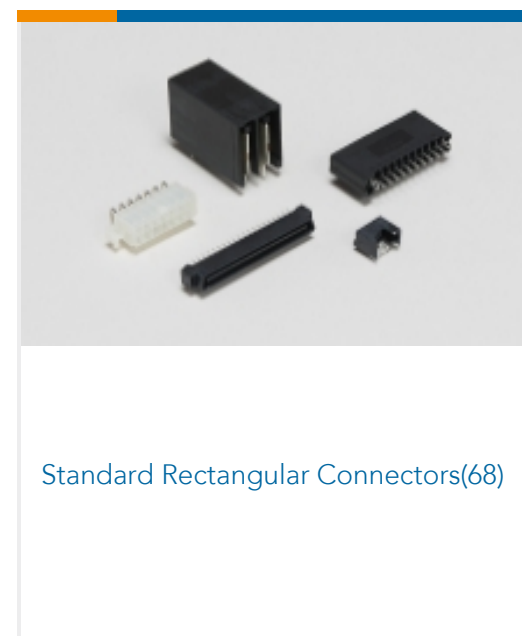
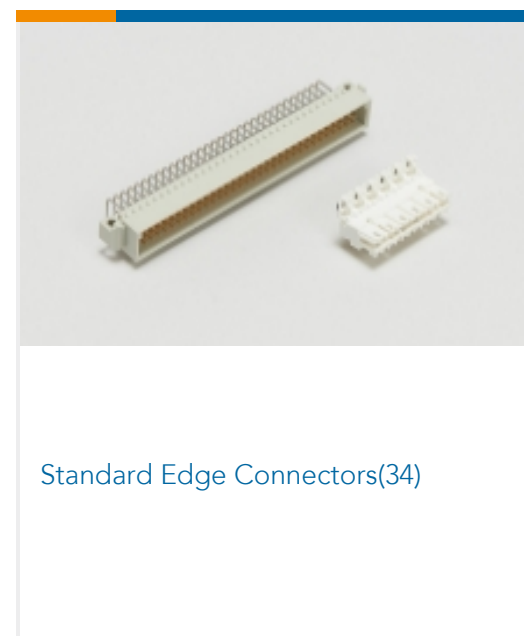
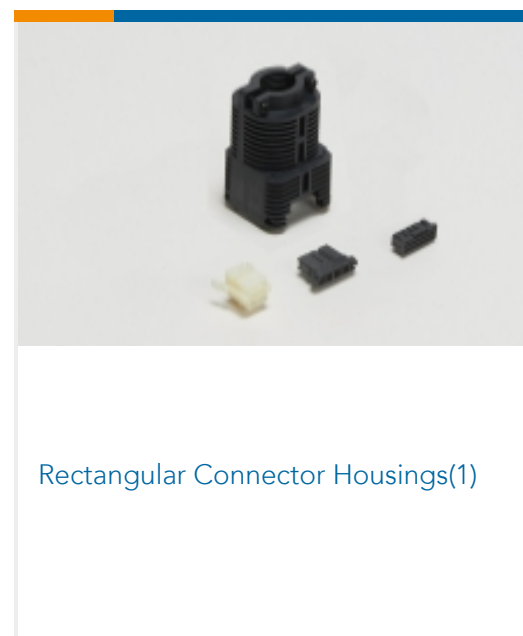
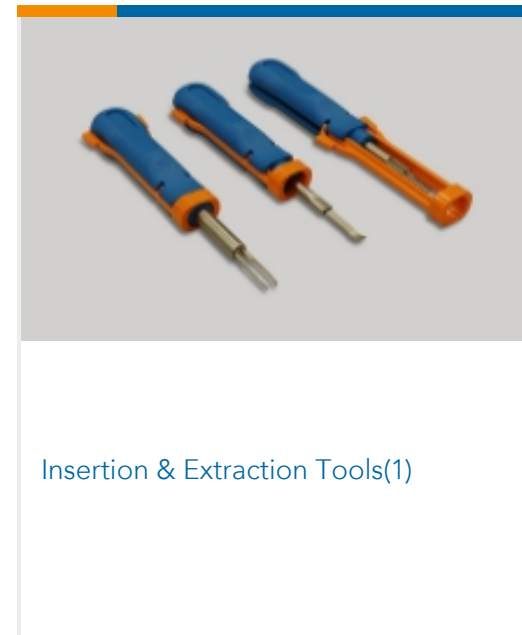
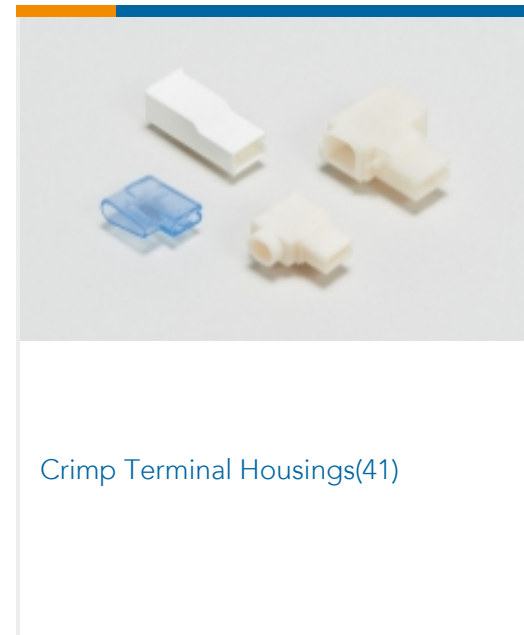
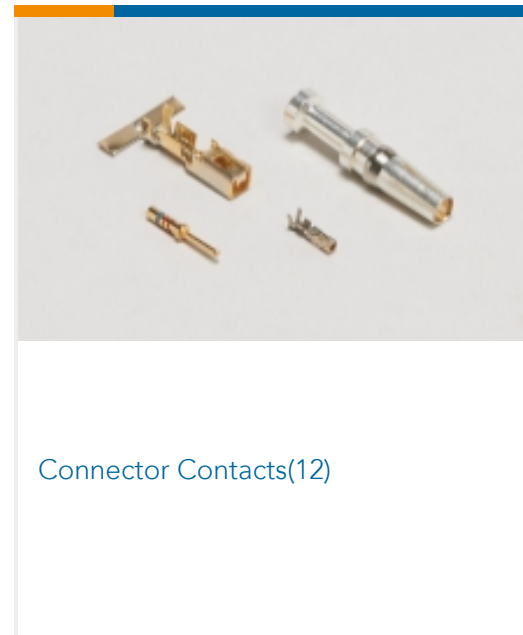
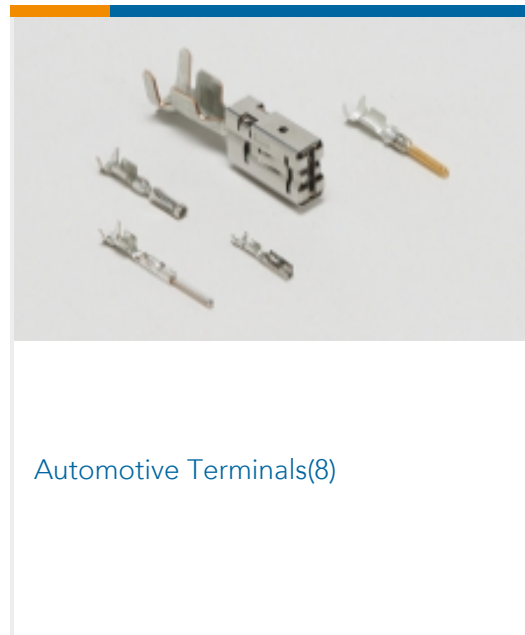
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

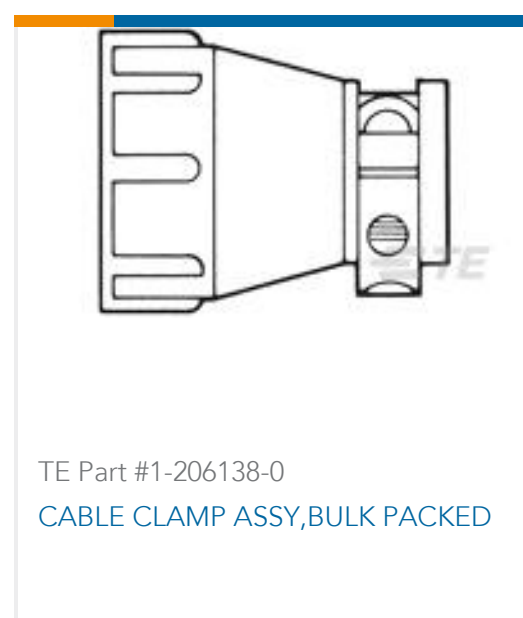
 <p>TE Part # 1241981-4 STD TIMER HOUSING 4P (NATURE)</p>	 <p>TE Part # 1241964-6 STD TIM HOUSING 6P</p>	 <p>TE Part # 1241959-4 STD-TIM HSG MKII 4P</p>	 <p>TE Part # 5-1703060-6 STANDARD TIMER SPECIAL HOUSING UL94_V0</p>
 <p>TE Part # 1241959-5 STD-TIM HSG MKII 5P</p>	 <p>TE Part # 1241980-8 SPECIAL STANDARD TIMER HOUSING 8POS</p>	 <p>TE Part # 1241981-3 STD TIMER HOUSING 3P (NATURE)</p>	 <p>TE Part # 1703060-6 STANDARD TIMER SPECIAL HOUSING</p>



## Also in the Series | RAST 5 IDC Connectors



## Customers Also Bought

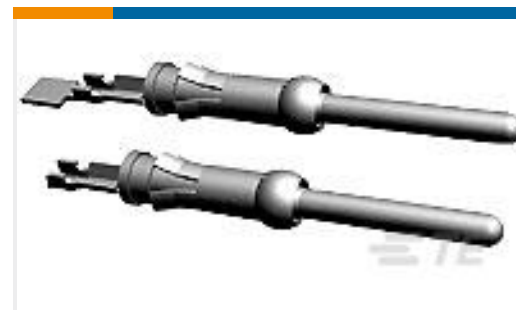




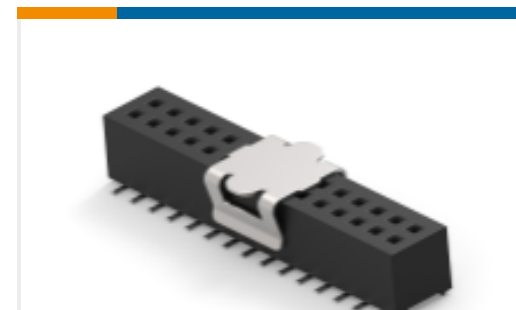
TE Part #1-1123722-2  
3.96 EP PLUG HSG 2P(NATURAL)



TE Part #1744144-1  
EP-II CONTACT LANCELESS, 22-18



TE Part #1-66103-8  
III+ PIN, 24-20, TIN, LP



TE Part #1-2267465-5  
SCL 1.0 RCPT DR VT 030 SMT G1 TBK

## Documents

### Product Drawings

#### STANDARD TIMER SPECIAL HOUSING UL94\_V0

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_8-1703060-6\\_A\\_c-8-1703060-6-a.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_8-1703060-6\\_A\\_c-8-1703060-6-a.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_8-1703060-6\\_A\\_c-8-1703060-6-a.3d\\_stp.zip](#)

English

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### Product Specifications

#### Product Specification

German

### Product Environmental Compliance

#### TE Material Declaration

English