

7-1703060-6 ✓ ACTIVE

RAST | RAST 5 IDC Connectors

TE Internal #: 7-1703060-6

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

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 |

Contact Features

| | |
|----------------|--------|
| Contact Layout | Inline |
| Contact Type | Socket |

Termination Features

| | |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|



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] |
| Housing Color | Natural |

Dimensions

| | |
|------------------|--------------------|
| Connector Length | 25.5 mm [1.002 in] |
|------------------|--------------------|

Usage Conditions

| | |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -40 – 105 °C [-40 – 221 °F] |
|-----------------------------|-----------------------------|

Operation/Application

| | |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

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 2022 (224)

Candidate List Declared Against: JUNE 2022 (224)

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

TE Part # 1241981-4
STD TIMER HOUSING 4P (NATURE)

TE Part # 8-1703060-6
STANDARD TIMER SPECIAL HOUSING UL94_V0

TE Part # 1241964-6
STD TIM HOUSING 6P

TE Part # 1241959-4
STD-TIM HSG MKII 4P

TE Part # 5-1703060-6
STANDARD TIMER SPECIAL HOUSING UL94_V0

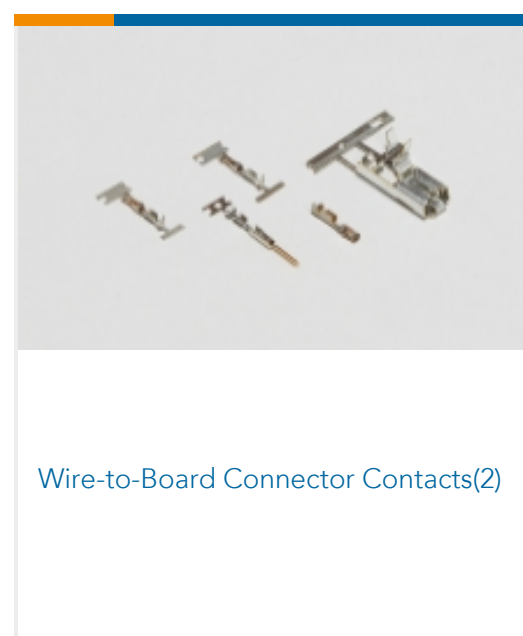
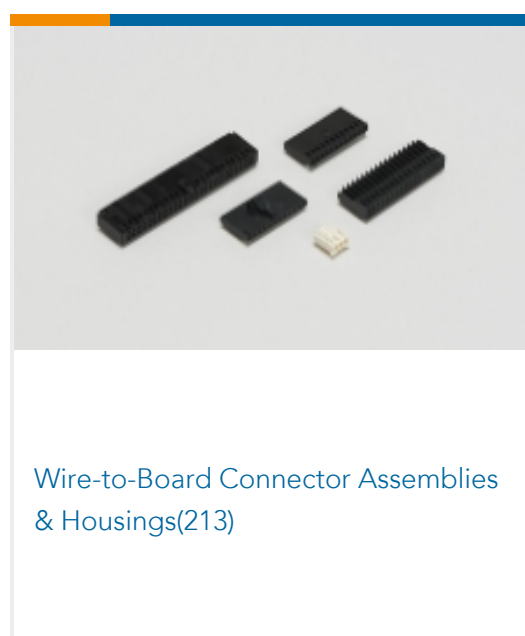
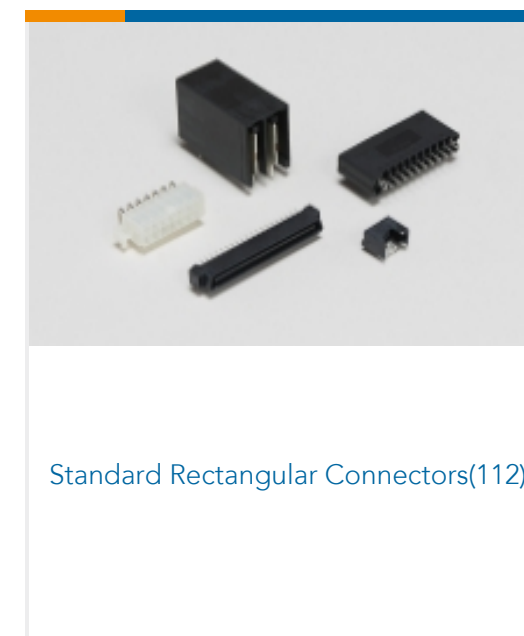
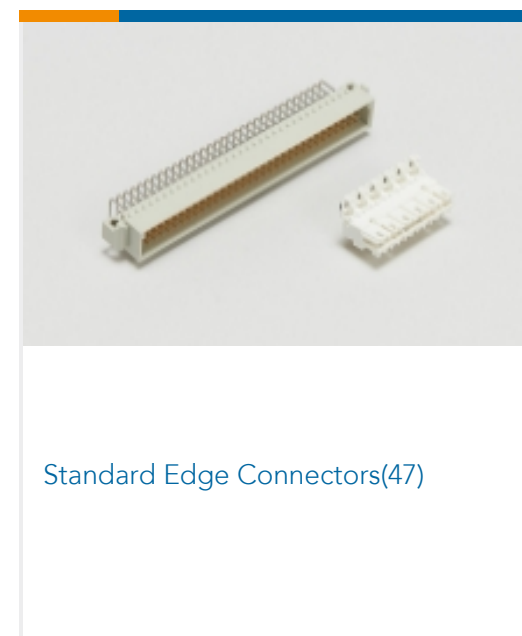
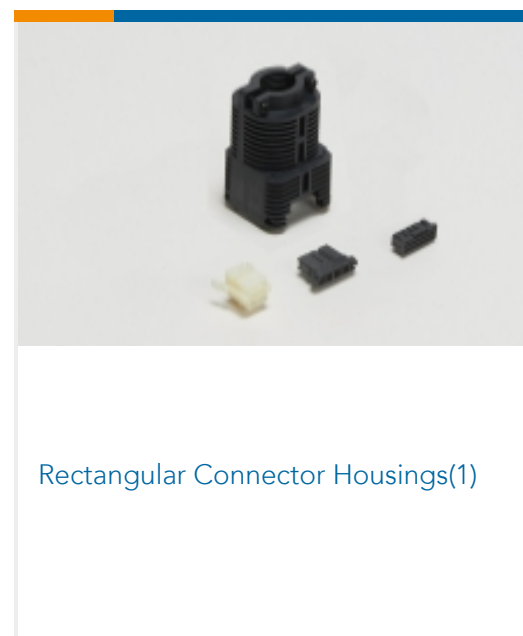
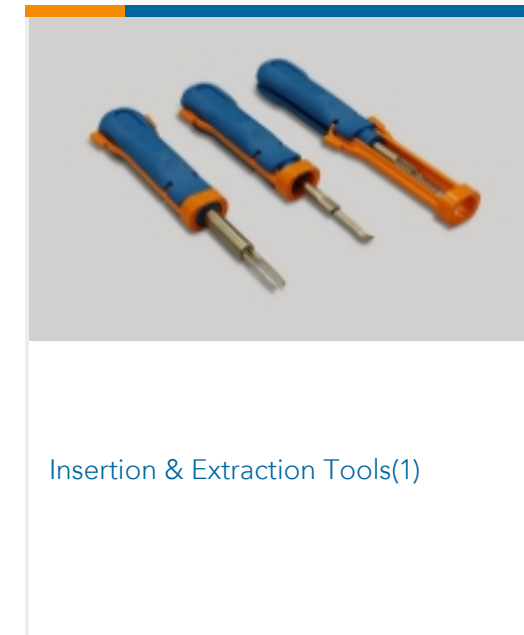
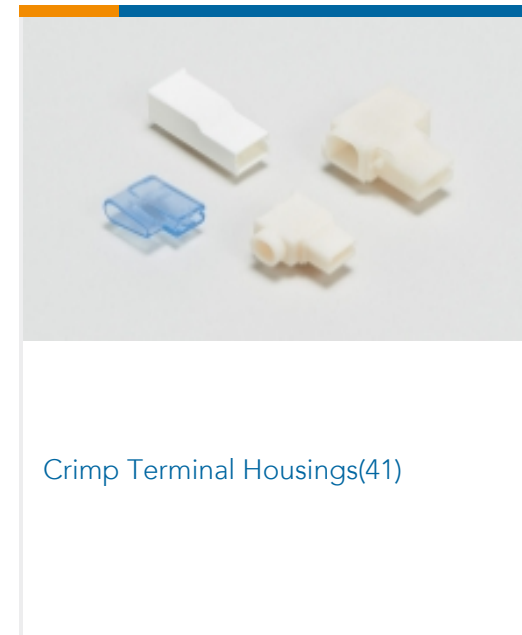
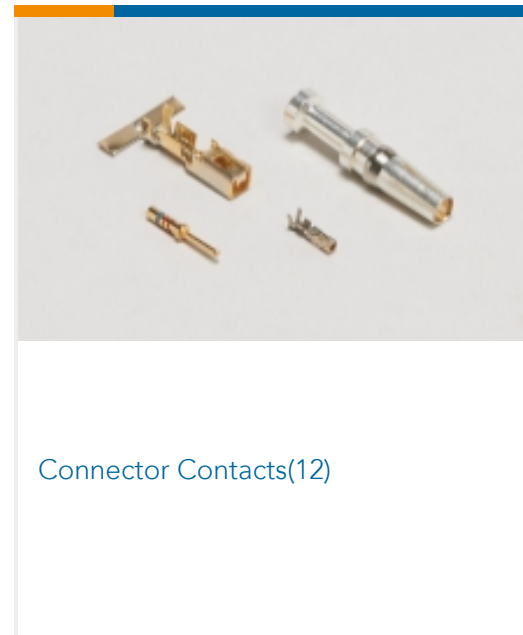
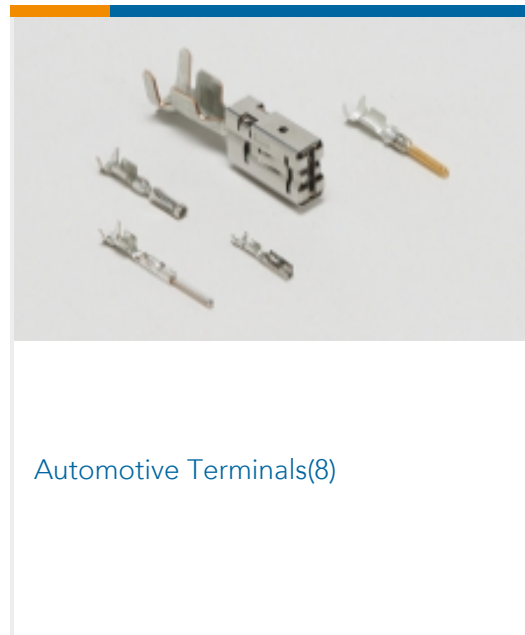
TE Part # 1241959-5
STD-TIM HSG MKII 5P

TE Part # 1241980-8
SPECIAL STANDARD TIMER HOUSING 8POS

TE Part # 1241981-3
STD TIMER HOUSING 3P (NATURE)



Also in the Series | RAST 5 IDC Connectors



Documents

Product Drawings

[STANDARD TIMER SPECIAL HOUSING UL94_V0](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)



[ENG_CVM_CVM_7-1703060-6_A_c-7-1703060-6-a.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-1703060-6_A_c-7-1703060-6-a.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-1703060-6_A_c-7-1703060-6-a.3d_stp.zip](#)

English

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

Product Specifications

[Product Specification](#)

German

Product Environmental Compliance

[TE Material Declaration](#)

English