1241981-5 ✓ ACTIVE

RAST | RAST 5 IDC Connectors
TE Internal #: 1241981-5
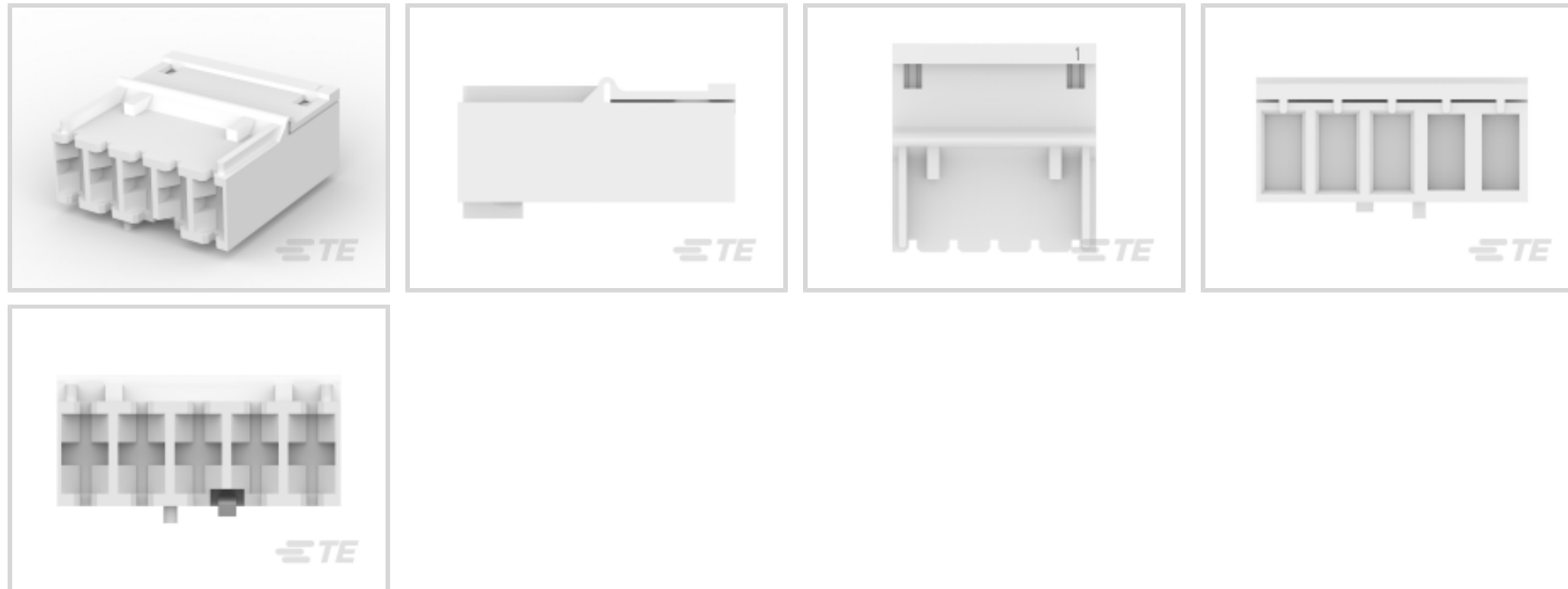Housing, Receptacle, Wire-to-Wire, 5 Position, 5 mm [.197 in]
Centerline, Crimp, 1 Row, Natural, Mating Retention, Wire & Cable,
RAST 5 IDC Connectors

View on TE.com >

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: **5**

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	1a,5b
Number of Positions	5
Number of Rows	1

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Locking Latch Between Cavity Number	2&3
Strain Relief	Without

1241981-5

Housing, Receptacle, Wire-to-Wire, 5 Position, 5 mm [.197 in] Centerline, Crimp, 1 Row, Natural, Mating Retention, Wire & Cable, RAST 5 IDC Connectors

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 6
Centerline (Pitch)	5 mm[.197 in]
Housing Color	Natural

Dimensions

Connector Length	25.5 mm[1 in]
Connector Height	12.2 mm[.48 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power

Industry Standards

RAST Version	None
Glow Wire Rating	Glow Wire
UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Quantity	2000
Packaging Method	Box

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)

1241981-5

Housing, Receptacle, Wire-to-Wire, 5 Position, 5 mm [.197 in] Centerline, Crimp, 1 Row, Natural, Mating Retention, Wire & Cable, RAST 5 IDC Connectors

Candidate List Declared Against: JUNE 2022 (224)
Does not contain REACH SVHC

Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 2-1241959-4
STD TIM HOUSING MKII 4POS

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

TE Part # 2-1241981-3
STD TIMER HOUSING 3P (NATURE)

TE Part # 1-1241964-1
11POS STANDARD TIMER HOUSING

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

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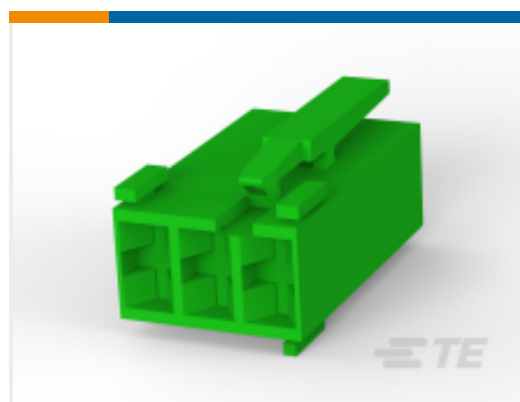STD-TIM HSG MKII 4P

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)

TE Part # 1955422-6
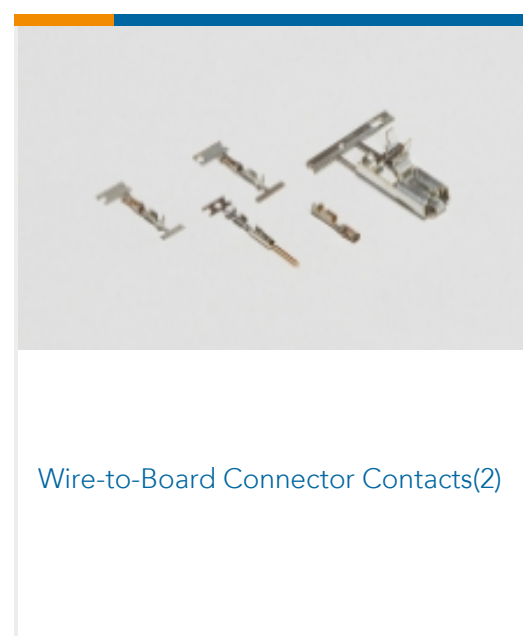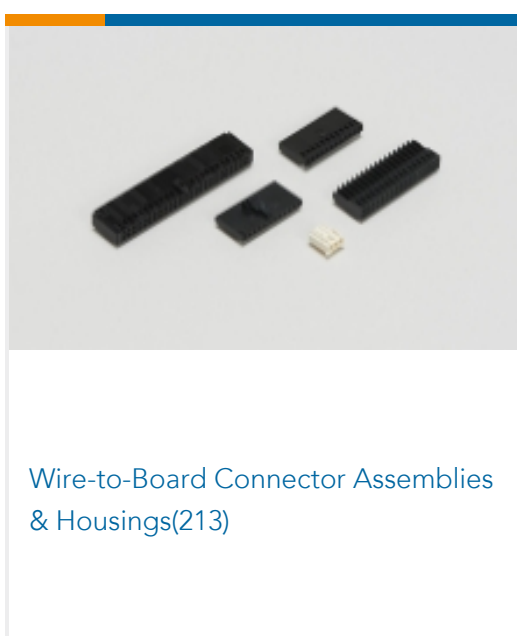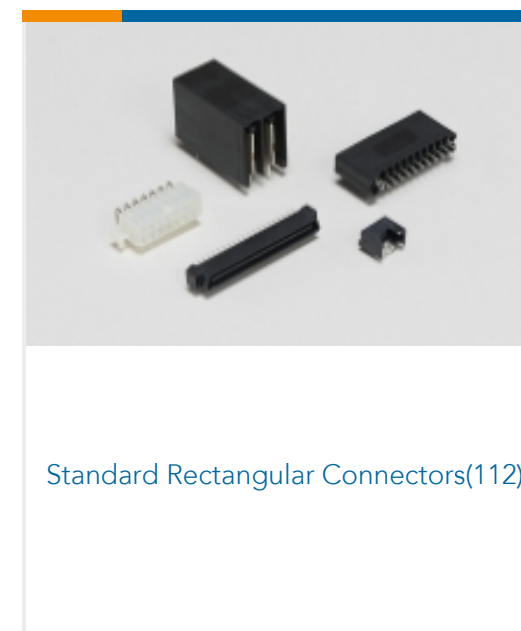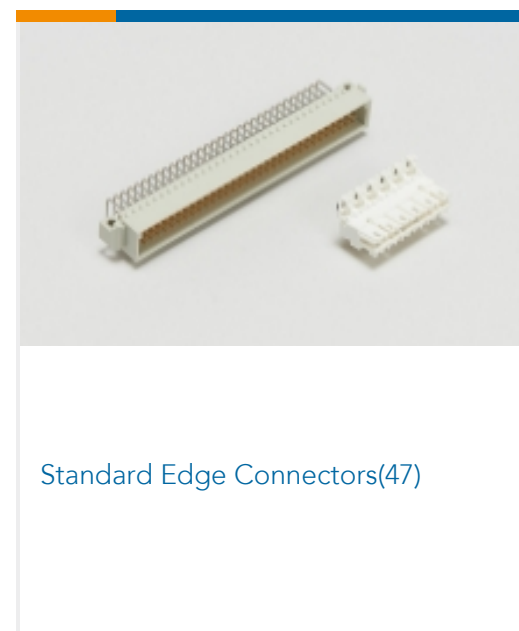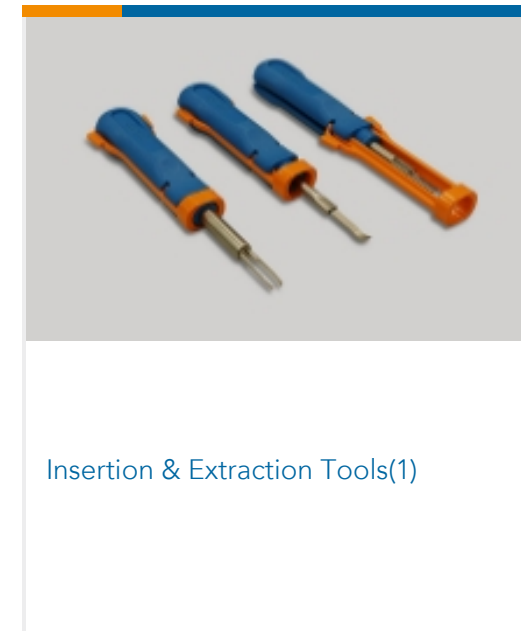STANDARD TIMER MK2 HOUSING 3 POS

TE Part # 2-1241817-3
STD TIM HOUSING MKII 3POS

TE Part # 927669-2
STANDARD TIMER HOUSING 16POS

Housing, Receptacle, Wire-to-Wire, 5 Position, 5 mm [.197 in] Centerline, Crimp, 1 Row, Natural, Mating Retention, Wire & Cable, RAST 5 IDC Connectors

TE Part # 1969621-1
HOUSING, TIMER CONTACT, WATER VALVE, 2 P

Also in the Series | RAST 5 IDC Connectors

Automotive Terminals(8)

Connector Contacts(12)

Crimp Terminal Housings(41)

Insertion & Extraction Tools(1)

PCB Headers & Receptacles(424)

Rectangular Connector Housings(1)

Standard Edge Connectors(47)

Standard Rectangular Connectors(112)

Wire-to-Board Connector Assemblies & Housings(213)

Wire-to-Board Connector Contacts(2)
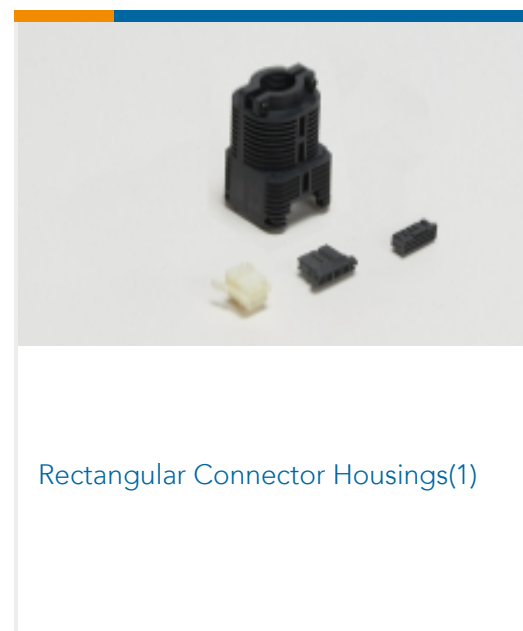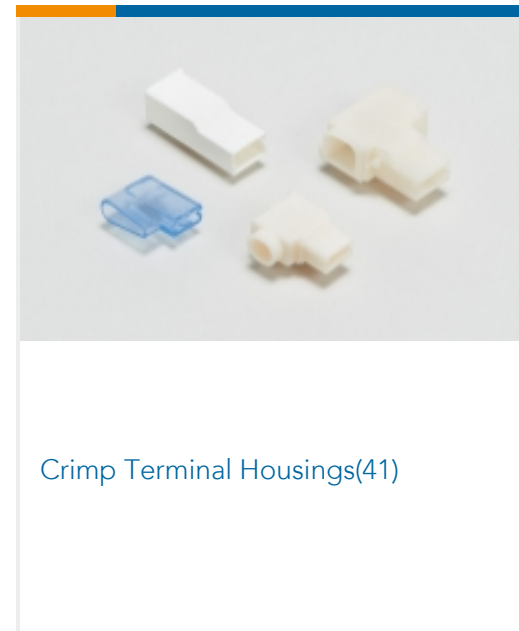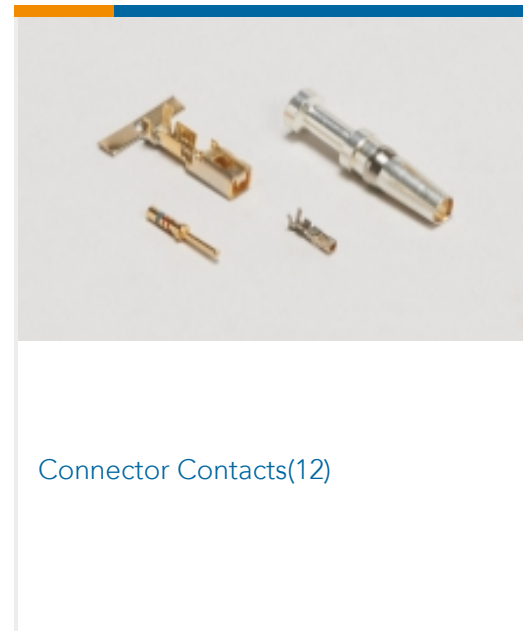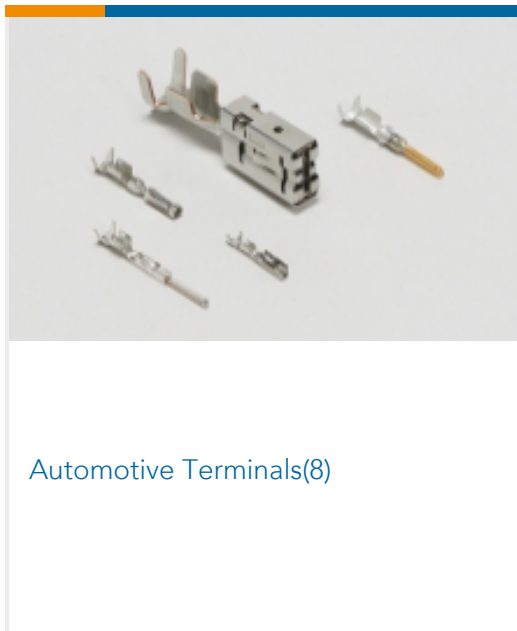
Documents

Product Drawings
STANDARD TIMER HOUSING

English

CAD Files
Customer View Model
ENG_CVM_CVM_1241981-5_A.2d_dxf.zip

English

1241981-5

Housing, Receptacle, Wire-to-Wire, 5 Position, 5 mm [.197 in] Centerline, Crimp, 1 Row, Natural, Mating Retention, Wire & Cable, RAST 5 IDC Connectors

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1241981-5_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1241981-5_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Environmental Compliance

MD_1241981-5_02212018114_dmtec

English

MD_1241981-5_02212018114_dmtec

English