

8-1241983-2 ✓ ACTIVE

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

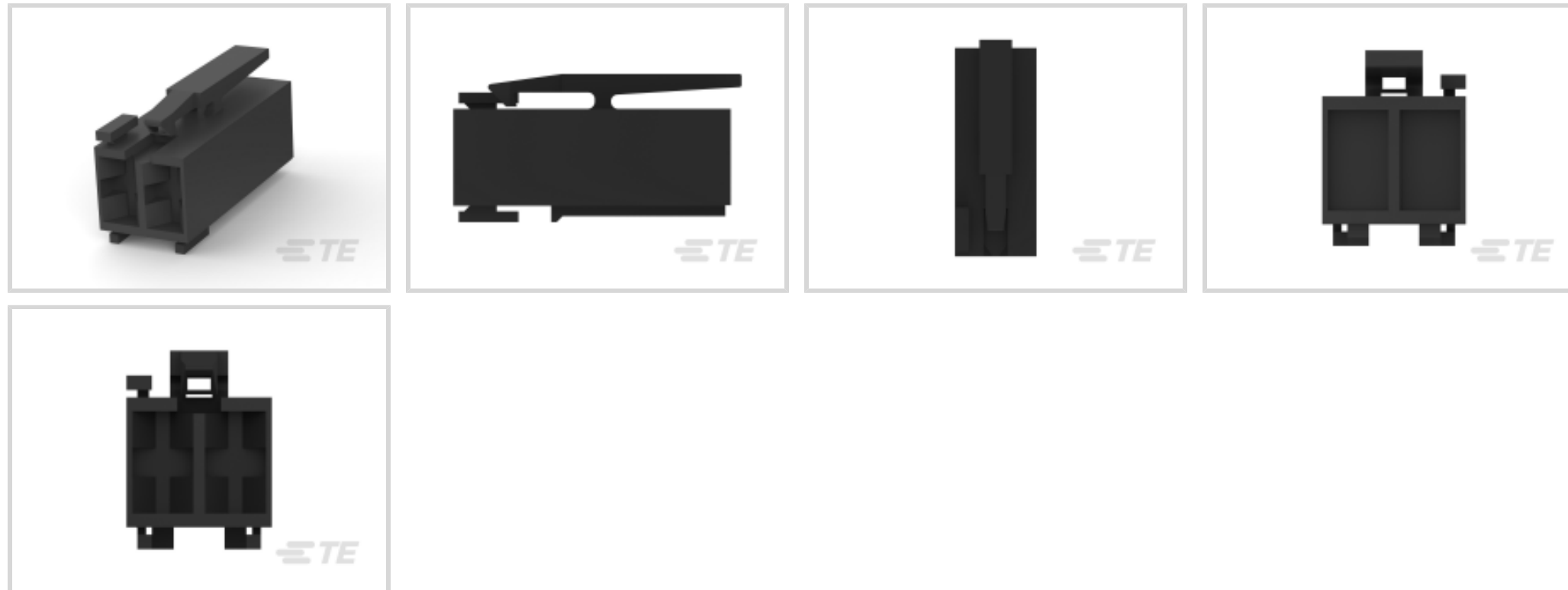
TE Internal #: 8-1241983-2

Housing, Receptacle, Wire-to-Board, 2 Position, 5 mm [.197 in]
Centerline, Crimp, 1 Row, Black, 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-Board**

Number of Positions: **2**

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

Features

Product Type Features

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

Configuration Features

Keying & Polarized Rib Location	1a,2b
Number of Positions	2
Number of Rows	1

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Locking Latch Between Cavity Number	1&2
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 6
Centerline (Pitch)	5 mm [.197 in]
Housing Color	Black

Dimensions

Connector Length	1 mm, 25.5 mm
Connector Height	13.9 mm [.547 in]

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	02-B
Glow Wire Rating	Glow Wire
UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Quantity	3200
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)



Candidate List Declared Against: JUL 2021
(219)

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 # 1241961-1
STD TIM HOUSING MKII 2POS

TE Part # 6-1241983-2
STANDARD TIMER HOUSING MARK II

TE Part # 8-1241961-2
STD TIM HOUSING MKII 2POS

TE Part # 4-1241965-2
STD TIMER HOUSING

TE Part # 5-1241983-3
STANDARD TIMER HOUSING MARK II

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

TE Part # 7-1241961-2
STD TIM HOUSING MKII 2POS

TE Part # 3-1241965-2
STD TIMER HOUSING

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

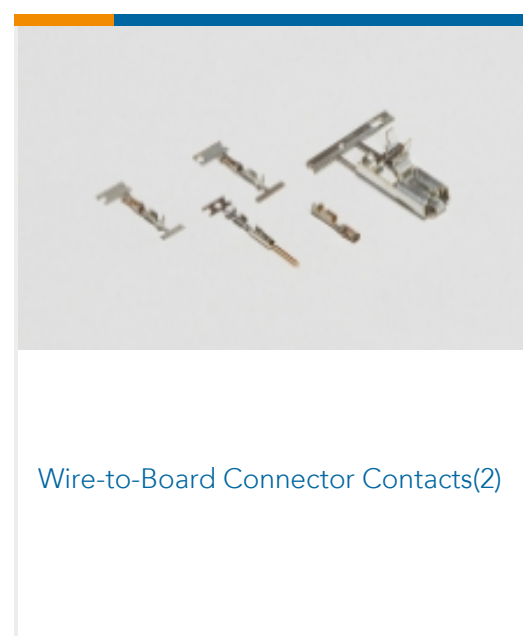
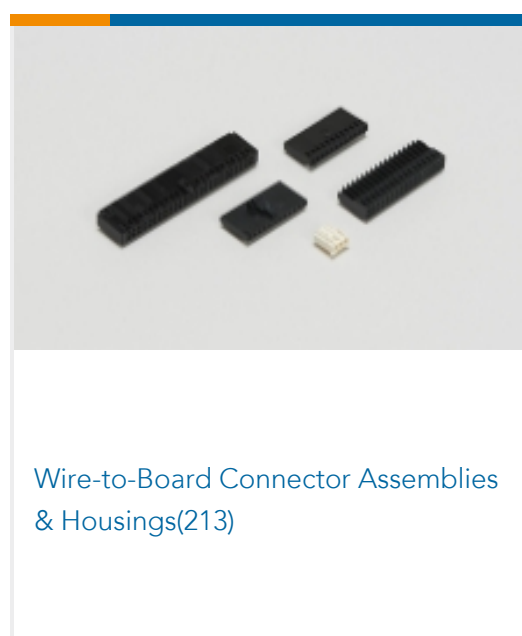
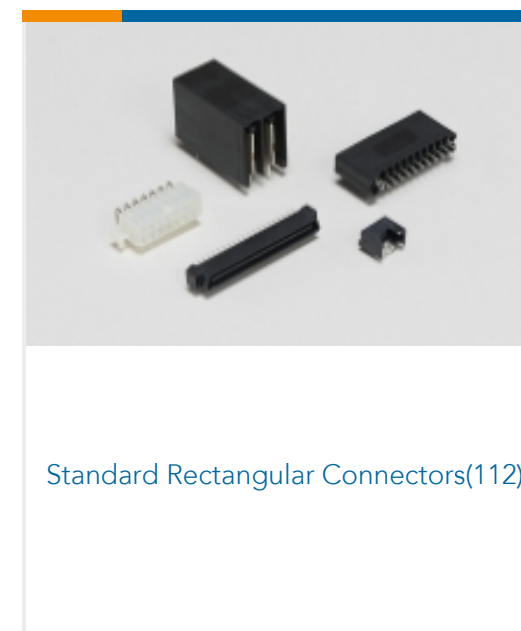
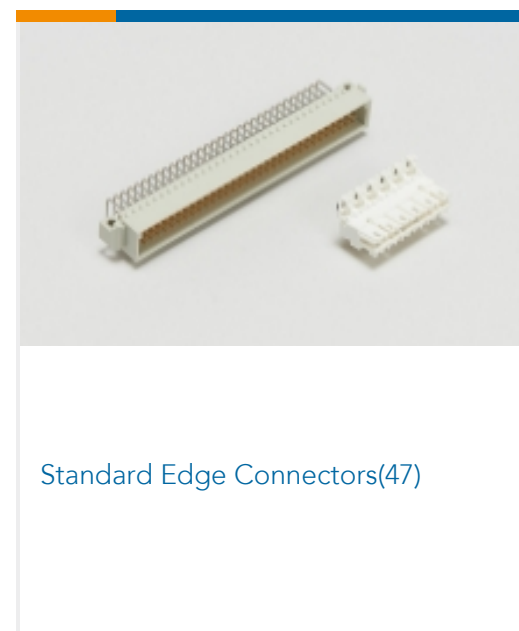
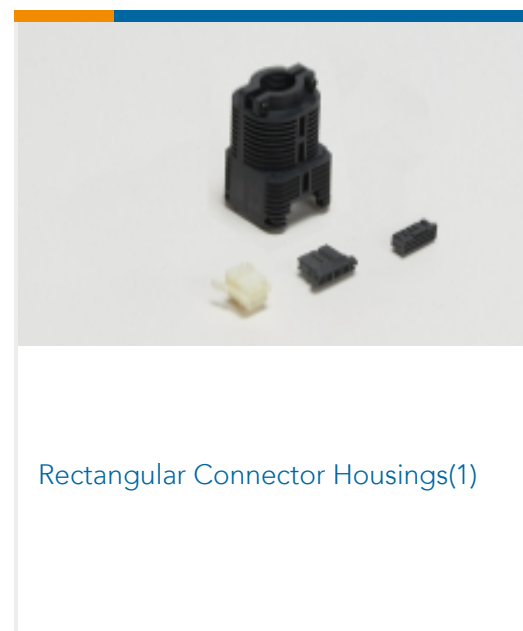
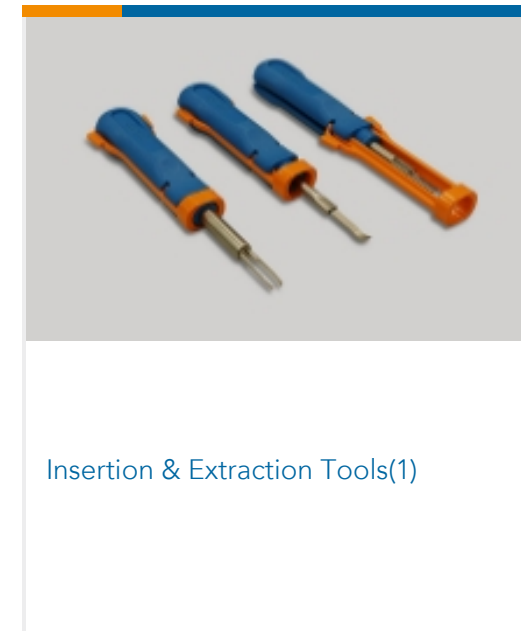
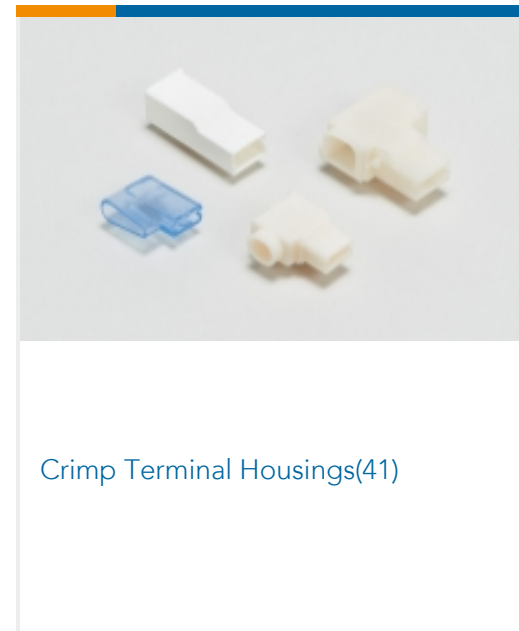
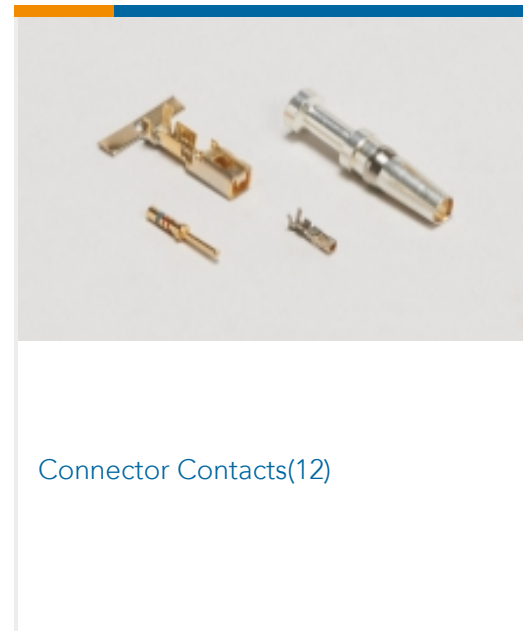
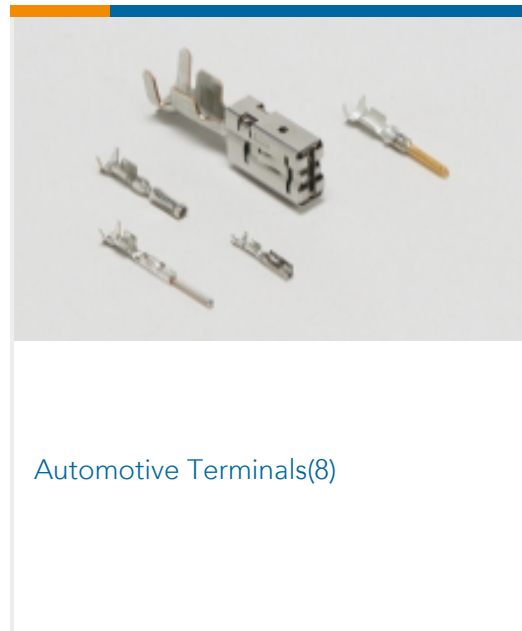
TE Part # 1241965-2
STD TIMER HOUSING 2POS

TE Part # 2-2178029-2
2P ST-TIMER HSG BLACK, V0

TE Part # 5-1241965-2
2POS STANDARD TIMER HOUSING



Also in the Series | RAST 5 IDC Connectors



Documents

Product Drawings

STANDARD TIMER HOUSING MARK II

German

CAD Files

3D PDF

3D

Customer View Model



[ENG_CVM_CVM_8-1241983-2_C_c-8-1241983-2-c.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-1241983-2_C_c-8-1241983-2-c.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-1241983-2_C_c-8-1241983-2-c.3d_stp.zip](#)

English

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Product Specifications

Product Specification

German

Product Environmental Compliance

[MD_8-1241983-2_053020181147_dmtec](#)

English

[MD_8-1241983-2_053020181147_dmtec](#)

English