

8-1703060-6 ✓ ACTIVE

RAST | RAST 5 IDC Connectors

TE Internal #: 8-1703060-6

6 Position, Receptacle, Housing, Crimp, Wire-to-Wire, UL 94V-2, 5 mm [.197 in] Centerline, 1 Row, Wire & Cable, Power & Signal, RAST 5 IDC Connectors

[View on TE.com >](#)



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Mating Retention: **With**

Mating Retention Type: **Latch**

Termination Method to Wire & Cable: **Crimp**

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

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

Housing Features

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

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: JAN 2025

(247)

Candidate List Declared Against: JAN 2025

(247)

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 # 2-1703060-6
STANDARD TIMER SPECIAL
HOUSING



TE Part # 1241964-6
STD TIM HOUSING 6P



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



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



TE Part # 1703060-6
STANDARD TIMER SPECIAL
HOUSING



TE Part # 1955422-1
STD TIM MK2 GEH 2P



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



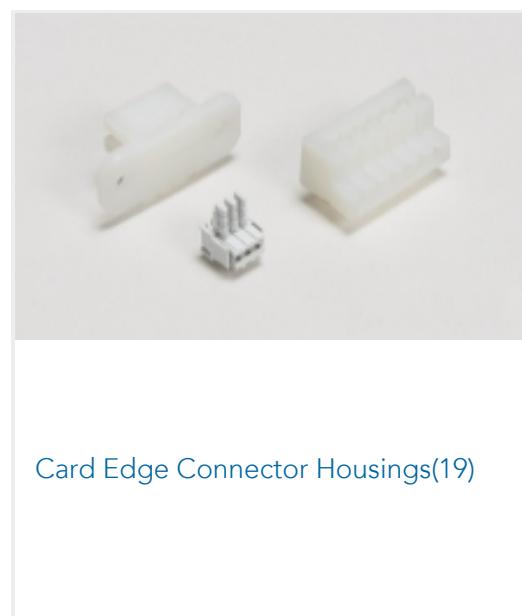
TE Part # 1241981-4
STD TIMER HOUSING 4P (NATURE)



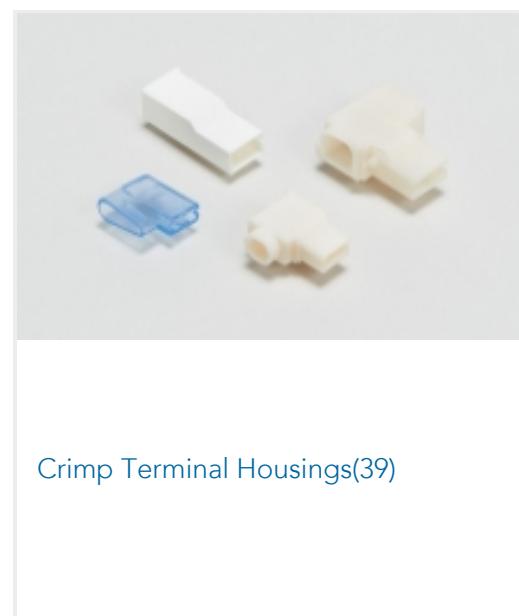
TE Part # 1241980-8

SPECIAL STANDARD TIMER
HOUSING 8POSTE Part # 1241959-5
STD-TIM HSG MKII 5PTE Part # 1955422-6
STANDARD TIMER MK2 HOUSING 3
POSTE Part # 7-1703060-6
STANDARD TIMER SPECIAL
HOUSING UL94_V0

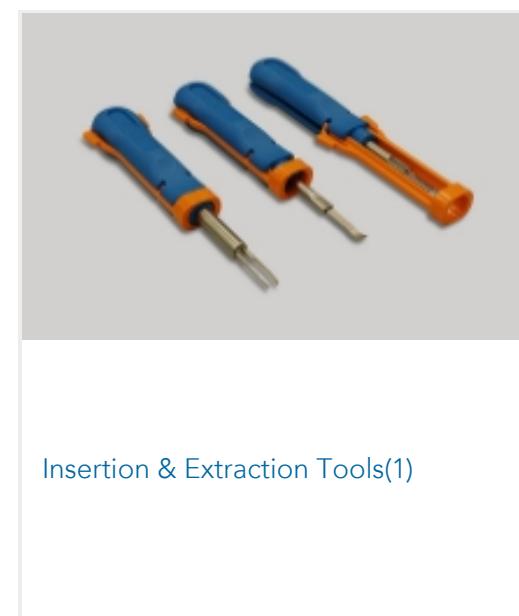
Also in the Series | RAST 5 IDC Connectors



Card Edge Connector Housings(19)



Crimp Terminal Housings(39)



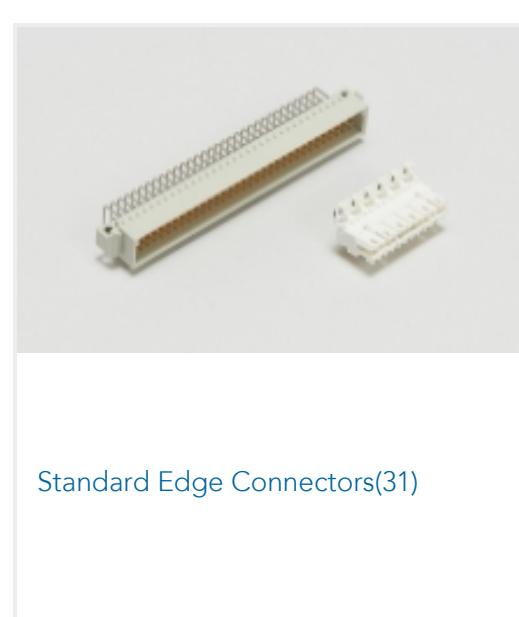
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(418)



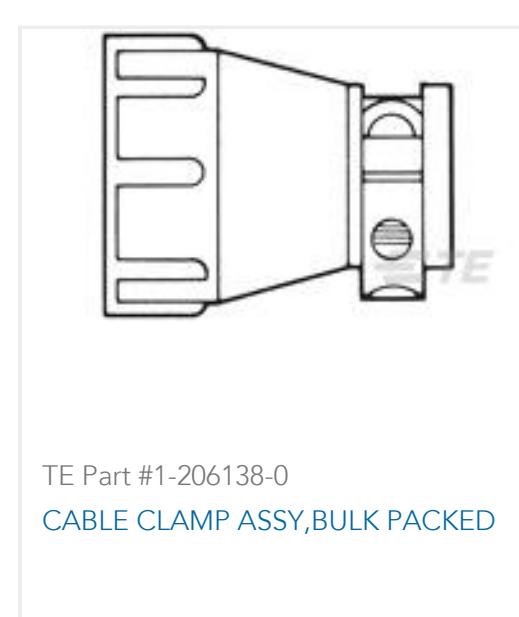
Rectangular Power Connectors(658)



Standard Edge Connectors(31)

Wire-to-Board Headers & Receptacles
(418)

Customers Also Bought

TE Part #1-66103-8
III+ PIN,24-20,TIN,LPTE Part #140950-1
TERMINAL REC FASTON PIDG 5TE Part #1-206138-0
CABLE CLAMP ASSY,BULK PACKEDTE Part #206305-1
CPC PLUG ASSEMBLY SIZE 23-37TE Part #206306-1
23-37 RECEPT REV SEXTE Part #1-1123722-2
3.96 EP PLUG HSG 2P(NATURAL)TE Part #1318912-1
EP CONN LP RECTE Part #1744144-1
EP-II CONTACT LANCELESS, 22-18



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

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

Datasheets & Catalog Pages

RAST Connector System Catalog

English

Product Specifications

Product Specification

German

Agency Approvals

VDE Certificate

English