8-1241983-2 ✔ ACTIVE

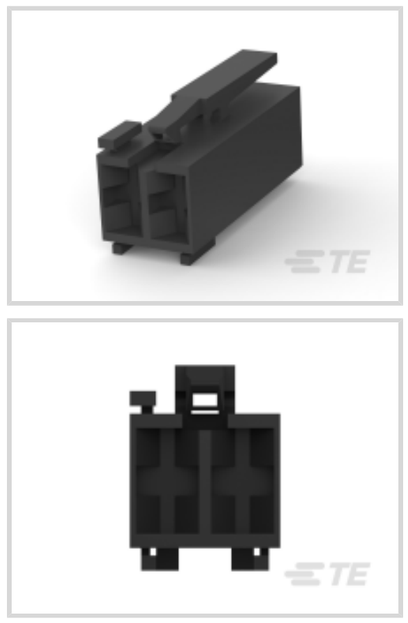
RAST | RAST 5 IDC Connectors

TE Internal #: 8-1241983-2

2 Position, Receptacle, Housing, Crimp, Wire-to-Board, 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 Type: **Latch**

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

UL Flammability Rating: **UL 94V-2**

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

Body Features

Primary Product Color	Black

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Strain Relief	Without
Locking Latch Between Cavity Number	1&2
Panel Mount Feature	Without
Mating Retention Type	Latch
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Entry Configuration	Both Ends Closed
Centerline (Pitch)	5 mm[.197 in]
Housing Material	PA 6

Dimensions

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

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Industry Standards

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

Packaging Features

Packaging Quantity	3200
Packaging Method	Box

Product Compliance

For compliance documentation, visit the product page on TE.com>

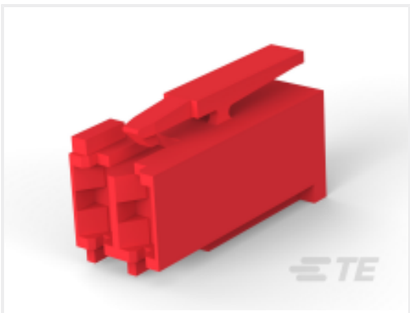
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	

	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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



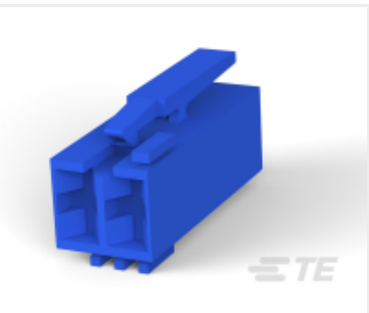
TE Part # 4-1241965-2
STD TIMER HOUSING



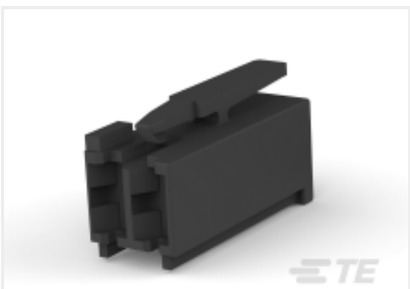
TE Part # 1241965-2
STD TIMER HOUSING 2POS



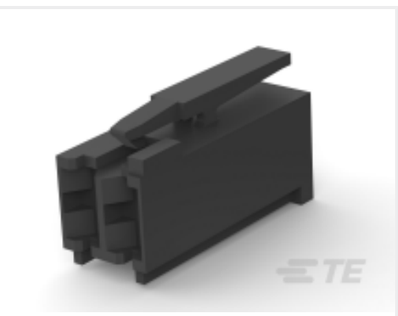
TE Part # 1241961-1
STD TIM HOUSING MKII 2POS



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



TE Part # 5-2178600-2
2POS STANDARD TIMER HOUSING_BLACK



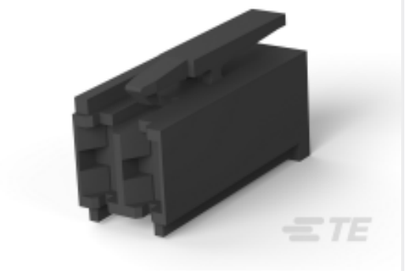
TE Part # 5-1241965-2
2POS STANDARD TIMER HOUSING



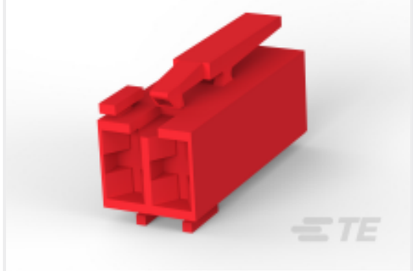
TE Part # 8-1241961-2
STD TIM HOUSING MKII 2POS



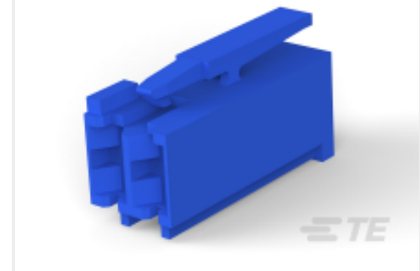
TE Part # 1241959-4
STD-TIM HSG MKII 4P



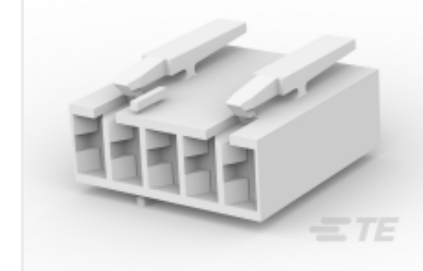
TE Part # 2-2178029-2
2P ST-TIMER HSG BLACK, V0



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



TE Part # 3-1241965-2
STD TIMER HOUSING

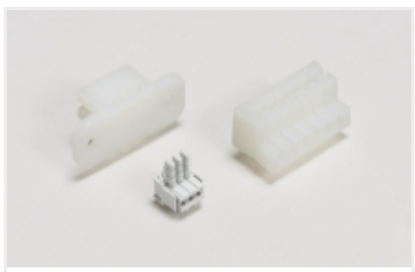


TE Part # 1241959-5
STD-TIM HSG MKII 5P



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

Also in the Series | RAST 5 IDC Connectors



Card Edge Connector Housings(19)



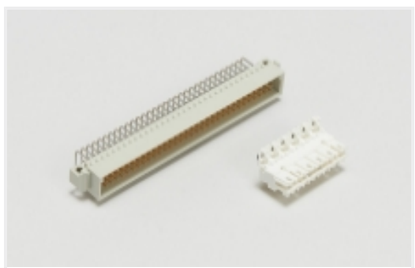
Connector Contacts(12)



Power Contacts(3)



Rectangular Power Connectors(658)

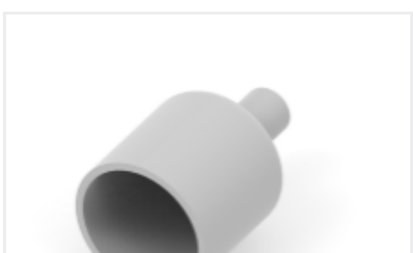


Standard Edge Connectors(31)

Customers Also Bought



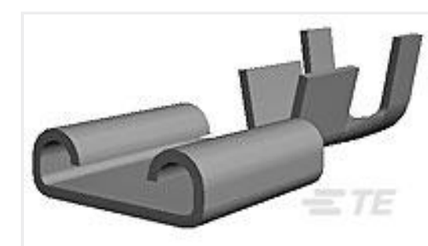
TE Part #5039964005
SRFR-15/9.6-8-SP



TE Part #HD10-5BT
BOOT, 5P, PLG/REC, ST, GRY



TE Part #34108
SOLIS R 22-16 COMM 22-18 MIL 8



TE Part #4-160256-2
250 FASTON,REC.,17-14 AWG,PNST



TE Part #350687-1
UMNL SPLIT PIN PTPBR



TE Part #1-480699-2
02P UMNL CAP HSG RED



TE Part #794269-1
02P UMNL INTERFACE SEAL



TE Part #964202-1
STD TIMER CONTACT



TE Part #4-1419111-2
PT270024



TE Part #1703062-1
CAP, 2 CIRCUIT , UNIVERSAL MATE-N-LOK

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

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