2005248-1 ✔ ACTIVE

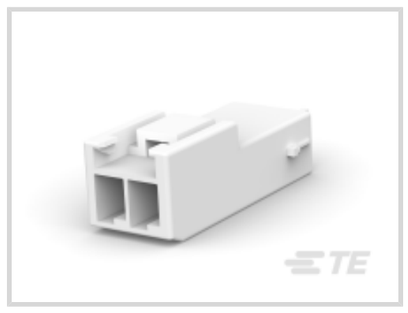
Power Double Lock

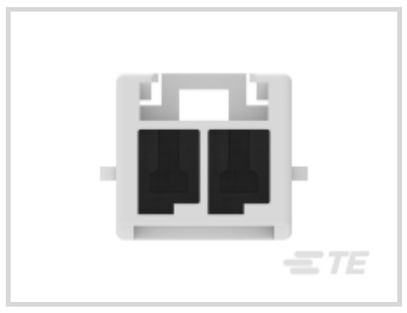
TE Internal #: 2005248-1

2 Position, Cap, Housing, Crimp, Wire-to-Wire, UL 94V-0, 3.96 mm [.156 in] Centerline, 1 Row, 300 VAC, Wire & Cable, Power & Signal, Power Double Lock

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors




Connector Product Type: **Housing**

Connector & Housing Type: **Cap**

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

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

Contact Retention Within Housing: **Without**

Features

Product Type Features

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

Configuration Features

Number of Positions	2
Number of Rows	1
Number of Power Positions	0
Number of Signal Positions	0

Electrical Characteristics

Operating Voltage	300 VAC

Body Features

Primary Product Color	Natural

Contact Features

Multiple Contact Types	Without
Contact Layout	Inline
Contact Retention Within Housing	Without
Contact Type	Tab

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Panel Mount Feature	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	3.96 mm[.156 in]
Housing Material	PA 66

Dimensions

Connector Width	9.94 mm[.391 in]
Connector Height	26.1 mm[1.02 in]
Connector Length	9.94 mm[.391 in]

Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Operation/Application

Circuit Application	Power & Signal

Identification Marking

Circuit Identification Feature	Without

Industry Standards

Compatible With Agency/Standards Products	CSA, UL, VDE
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	Certified
UL Flammability Rating	UL 94V-0
Glow Wire Rating	GWT 750°C (Without Flame)

Packaging Features

Packaging Quantity	1
Packaging Method	Bag

Product Compliance

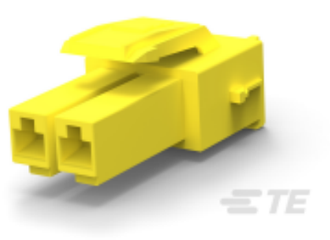
For compliance documentation, visit the product page on TE.com>

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 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 # 2005247-4
PDL 2P PLUG 3.96(GWT) YEL

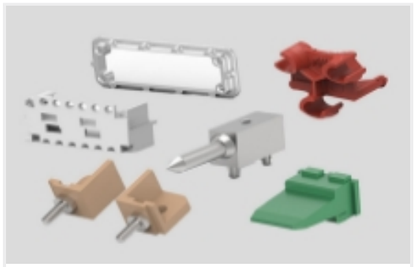


TE Part # 179463-1
POWER DBL LOCK CAP HSG F/H 2P

Also in the Series | Power Double Lock



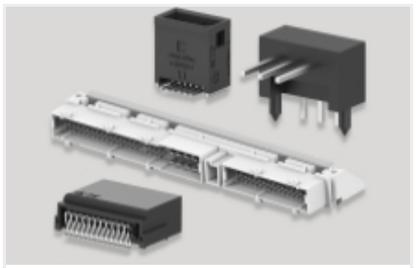
Connector Contacts(24)



Connector Hardware(13)



Insertion & Extraction Tools(2)



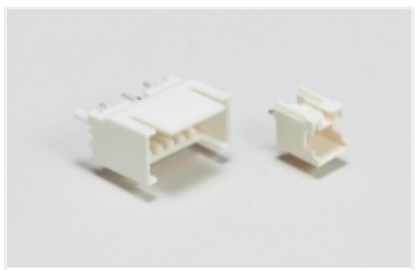
PCB Headers & Receptacles(43)



Power Contacts(24)

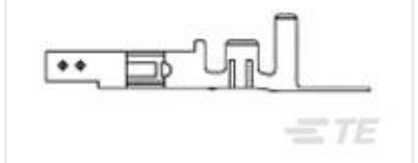


Rectangular Power Connectors(275)



Wire-to-Board Headers & Receptacles (43)

Customers Also Bought



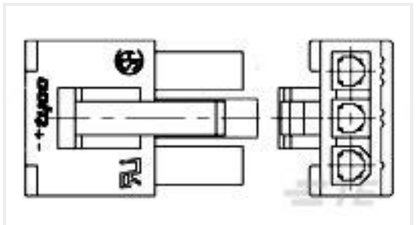
TE Part #794958-3
VAL-U-LOK SKT PHBZ SN 22-26AWG



TE Part #9-1241961-2
STD TIM HOUSING MKII 2POS



TE Part #2-1241965-4
STD TIMER PLUG HSG 4P W/EXT. LOCKING



TE Part #2029112-3
3P RCPT SR VAL-U-LOK GW



TE Part #2296205-2
2P RCPT VAL-U-LOK GWT/V0



TE Part #2296205-6
6P RCPT VAL-U-LOK GWT/V0



TE Part #2296205-8
8P RCPT VAL-U-LOK GWT/V0



TE Part #2385803-5
48POS,MCON 1.2,REC HSG ASSY,SLD, COD J



TE Part #2389098-1
2POS,MQS,TAB HSG,UNSLD,COD A



TE Part #2-1241965-6
6POS STD TIMER HOUSING W.EXT. LOCK

Documents

Product Drawings

PDL 2P CAP 3.96 F/H(GWT) NAT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2005248-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2005248-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2005248-1_B.3d_stp.zip

English

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Product Specifications

Engineering Report

English

Agency Approvals

UL Report

English