DS9-1W ✔ ACTIVE

CII | Kilovac DS9 Series

TE Internal #: 1-1617069-0

1 Form A (NO), 3.8 – 32 VDC Input, 250 Vrms Output, 1 A Contact Rating, DC Output, Kilovac DS9 Series

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Relays & Contactors > Solid State Relays



Contact Arrangement: **1 Form A (NO)**

Input Voltage: **3.8 – 32 VDC**

Output Voltage Rating: **250 Vrms**

Contact Current Rating: **1 A**

Output Current Type: **DC**

Features

Configuration Features

Contact Arrangement	1 Form A (NO)

Electrical Characteristics

Insulation Initial Dielectric Between Contacts & Coil	1500 Vrms
Contact Voltage Rating	250 VAC
Input Voltage	3.8 – 32 VDC
Output Voltage Rating	250 Vrms
Contact Current Rating	1 A

Body Features

Device Package Style	DIP
Enclosure Type	Hermetically Sealed

Termination Features

Relay Connection Type	PCB Termination

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Shock Resistance	1500G's, .5ms
Output Current Type	DC

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Packaging Features

Packaging Method	Tray/Box

Product Compliance

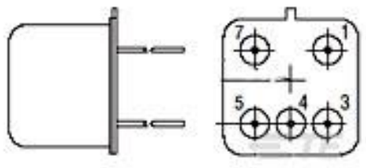
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not lead free process capable

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



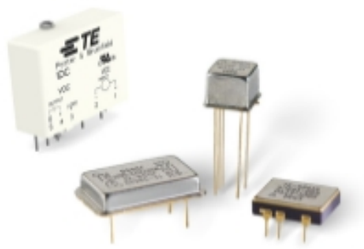
TE Part # 1-1617069-6
MS14-2Y = MS14 SOLID STATE DIP



TE Part # 1617069-1
DS11-1000 = DS11 SOLID STATE D

Also in the Series | Kilovac DS9 Series

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Solid State Relays(1)

Customers Also Bought



TE Part #YDIV46E17-26SNV001
PLUG ASSY



TE Part #3-641211-3
03P MTA100 HDR ASY PL STR LF



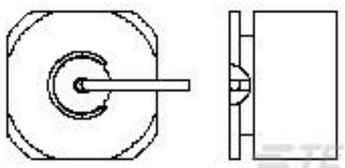
TE Part #749806-8
KIT, HDP-20,RCPT,SIZE 2, 15 PO



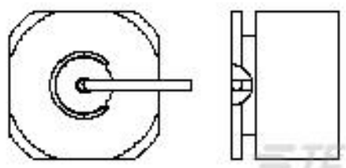
TE Part #5-1618274-5
HC-5=RELAY, PRESSURIZED, SPDT



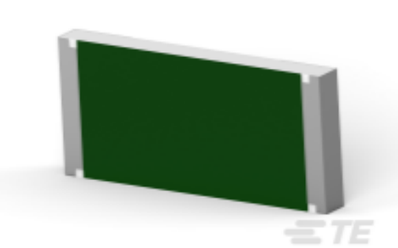
TE Part #8-1625999-2
HSC100 2K5 5%



TE Part #1757253-1
SMPM SURFACE MOUNT



TE Part #1757254-1
SMPM SURFACE MOUNT



TE Part #5-2176403-6
3550 200R 1%



TE Part #4-2176412-2
5W XSM M/OX 5% 270R

TE Part #EVO17-35PNZ364
FILTER

Documents

Product Drawings

DS9-1W=DS9 DIP SOLID STATE RELAY

English

Datasheets & Catalog Pages

5-1773450-5_sec10_JDS9

English

relays_brochure

English

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