

DS13-1Y ✓ ACTIVE

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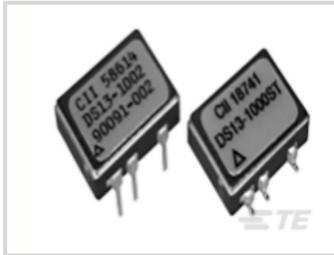
TE Internal #: 3-1617529-3

Power Relays, Solid State, 3.8 VDC Coil Voltage, 1 Form A (NO), 60 VDC Switching Voltage, 60 VDC Contact Voltage, Tray/Box, Printed Circuit Board

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Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: **Solid State**

Coil Voltage Rating: **3.8 VDC**

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

Contact Current Rating (Max): **2 A**

Contact Switching Voltage (Max): **60 VDC**

Features

Product Type Features

Enclosure Type	Hermetically Sealed
Output Type	DC
Screening Level	Y
Power Relay Type	Solid State

Electrical Characteristics

Output Current Rating	2 A
Vibration	100G's, 10 – 3000Hz
Actuating System	DC
Output Voltage Rating (DC Relays)	60 VDC
Shock	1500G's, .5ms
Insulation Initial Dielectric Between Contacts & Coil	1000 Vrms
Coil Voltage Rating	3.8 VDC
Contact Switching Voltage (Max)	60 VDC
Contact Voltage Rating	60 VDC

Contact Features

Contact Arrangement	1 Form A (NO)
Contact Current Rating (Max)	2 A



Relay Terminal Type	PCB-THT
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Mechanical Attachment

Relay Mounting Type	Printed Circuit Board
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Dimensions

Dimensions (L x W x H) (Approximate)	14.22 x 10.16 x 3.94 mm, 14.22 x 11.05 x 3.94 mm [.56 x .4 x .155 in] [.56 x .435 x .155 in]
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Usage Conditions

Operating Temperature Range	-55 – 105 °C
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Operation/Application

R-Switch & slimSSR Relays	No
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Packaging Features

Packaging Method	Tray/Box
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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 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: JAN 2022 (223) 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 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



Documents

Product Drawings

[DS13-1Y=RELAY](#)

English

Datasheets & Catalog Pages

[5-1773450-5_sec10_DS13](#)

English