DS13-1000S ✔ ACTIVE

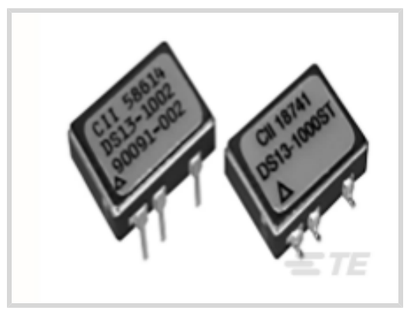
CII

TE Internal #: 6-1617736-6

DC Input Solid State Relay, 1 Form A (NO), 3.8 – 32 VDC Input, 60 VDC Output, 2 A Contact Rating, DC Output, Board Mount

View on TE.com >

Relays & Contactors > Solid State Relays



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

Input Current Type: **DC**

Input Voltage: **3.8 – 32 VDC**

Output Voltage Rating: **60 VDC**

Contact Current Rating: **2 A**

Features

Configuration Features

Contact Arrangement	1 Form A (NO)

Electrical Characteristics

Insulation Initial Dielectric Between Contacts & Coil	1000 Vrms
Contact Voltage Rating	60 VDC
Input Voltage	3.8 – 32 VDC
Output Voltage Rating	60 VDC
Contact Current Rating	2 A

Body Features

Device Package Style	DIP
Enclosure Type	Hermetically Sealed

Termination Features

Relay Connection Type	PCB Termination
Terminal Configuration	PCB SMT

Mechanical Attachment

Product Mount Type	Board Mount

Dimensions

Product Length	14.22 mm[.56 in]

Product Width	10 mm[.393 in]
Product Height	3.94 mm[.155 in]

Usage Conditions

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

Operation/Application

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

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 Compliant
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 2022 (223) 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

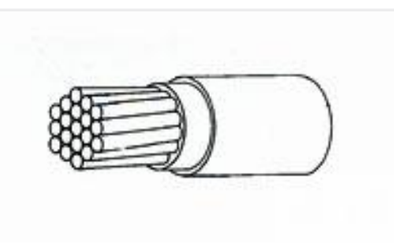
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 3-1617529-3
DS13-1Y=RELAY

Customers Also Bought



TE Part #218039-002
55A0811-2-9



TE Part #ZPF000000000006781
951-06 RC 22-55 P 50



TE Part #2-530743-0
MINI BOX PIN HDR ASY 100 POS



TE Part #2-1617162-0
J1MAWT-26XM = M28776/5-018M



TE Part #1617166-5
JMAWT-26XM = M28776/1-018M



TE Part #3-1825059-1
ADF07S04=DIP SWT,FLUSH,SMT-GW



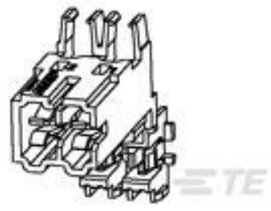
TE Part #1045581-1
1052 1300 00



TE Part #ZPF000000000006115
951-00 R 20-41 SY 50



TE Part #ZPF000000000031665
951-06 RC 22-55 PX 50



TE Part #2-282042-2
AMP MONO-SHAPE 2 POS P.C.B.CON

Documents

Product Drawings

DS13-1000S=SOLID STATE RELAY

English

Datasheets & Catalog Pages

5-1773450-5_sec10_DS13

English

relays_brochure

English