2071509-1 ✔ ACTIVE

TE Internal #: 2071509-1

General Purpose Power Relay, DC, Monostable, 1 Form A SPST-NO, 10 A Contact Rating, 24 VDC Coil Voltage, 250 VAC Contact Voltage, .45 W Coil Power

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Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

Contact Arrangement: **1 Form A SPST-NO**

Current Type: **DC**

Contact Current Rating: **10 A**

Features

Product Type Features

Relay & Contactor Type	General Purpose Power Relay

Configuration Features

Contact Number of Poles	1
Coil Special Features	UL Coil Insulation Class F
Contact Arrangement	1 Form A SPST-NO

Electrical Characteristics

Contact Limiting Short-Time Current	10 A
Contact Limiting Continuous Current	10 A
Contact Switching Voltage (Max)	250 VAC
Insulation Initial Dielectric Between Open Contacts	750 Vrms
Contact Limiting Making Current	10 A
Contact Limiting Breaking Current	10 A
Coil Resistance	1280 Ω
Contact Current Rating	10 A
Coil Voltage Rating	24 VDC
Contact Voltage Rating	250 VAC
Coil Power Rating DC	.45 W
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms

Body Features

Primary Product Color	Black
Product Weight	6.5 g
Enclosure Type	Flux Resistant Automatic Soldering

Contact Features

Contact Material	AgSnO

Termination Features

Main Termination & Connection Type	Solder Pins
Coil Termination & Connection Type	Solder Pins

Mechanical Attachment

Product Mount Type	Printed Circuit Board

Dimensions

Insulation Creepage Between Contact & Coil	9.4 mm
Product Width	10.2 mm[.401 in]
Product Length	18.2 mm[.716 in]
Product Height	15.2 mm[.598 in]

Usage Conditions

Environmental Category of Protection	RTII
Operating Temperature Range	-30 – 85 °C
Environmental Ambient Temperature (Max)	85 °C[185 °F]

Operation/Application

Coil Magnetic System	Monostable
Current Type	DC

Packaging Features

Packaging Method	Box & Tray

Other

Coil Power Rating Class	.4 – .5 W
Contact Current Class	5 – 10 A

Product Compliance

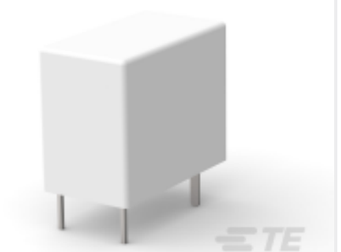
For compliance documentation, visit the product page on TE.com>

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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 # CAT-OE4-OJ1
STD OEG Miniature PCB OJ/OJE Pow Relays

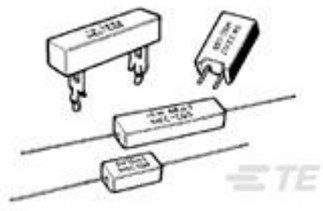


TE Part # 2071507-1
OJT-SS-112HM,00000



TE Part # 2071508-1
OJT-SS-105HM,00000

Customers Also Bought



TE Part #1623788-2
SQM5 10R 5% (WIRE)



TE Part #2-1415012-1
V23047-A1110-A511



TE Part #2-1879449-1
TE 400W 47R 5% Bracket



TE Part #1-770178-0
06P MINI-UMNL ASSY VO SNNI*



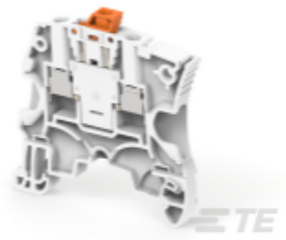
TE Part #4-1393240-5
RT334012



TE Part #2267087-7
RMS1R102VS2QES



TE Part #5-2176328-8
CRGP 1206 560K 1%



TE Part #1SNK505310R0000
ZS4-S



TE Part #1SNK506151R0000
ZS6-3S-PE



TE Part #1SNK900103R0000
CS-R1

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_2071509-1_B.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_2071509-1_B.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_2071509-1_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

OJT_TV-8_Rated_Relay_Flyer

English

OJT Series Relay Datasheet

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Product Specifications

Definitions General Purpose Relays

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Agency Approvals

VDE Certificate

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Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

SMW73R0JT 1743455-2 CRGCQ2010J3K3 1-794222-0 1393431-1 141991-2 3631B101LL
RH73H2A40MKTN 1969656-1 2310537-1 3-1393225-0 175977-2 1903112-2 2834055-1 SBCHE64R7K
2-292161-3 2005330-1 650075-000 917696-1 CPF0402B37K4E1 MPT100C18RF TE50BR39J 1-962915-1
2380312-2 SBCHE154R7K U5254-000005-030PA 2377783-2 3430B2F51RTDF 936348-1 ROX05SJ18R