

TE Internal #: 2071508-1

Power Relays, Standard, Monostable, DC, 450 mW Coil Power

Rating DC, 55.6 Ω Coil Resistance, UL Coil Insulation Class F, 5 VDC

Coil Voltage

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Relays & Contactors > Relays > Power Relays

Power Relay Type: **Standard**Coil Magnetic System: **Monostable, DC**Coil Power Rating DC: **450 mW**Coil Resistance: **55.6 Ω** Coil Special Features: **UL Coil Insulation Class F**

Features

Product Type Features

Power Relay Type	Standard
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Electrical Characteristics

Contact Limiting Short-Time Current	10 A
Insulation Creepage Class	5.5 – 8 mm
Contact Limiting Continuous Current	10 A
Insulation Initial Dielectric Between Open Contacts	750 Vrms
Coil Power Rating Class	400 – 500 mW
Contact Limiting Making Current	10 A
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Insulation Creepage Between Contact & Coil	9.4 mm
Contact Limiting Breaking Current	10 A
Coil Magnetic System	Monostable, DC
Coil Power Rating DC	450 mW
Coil Resistance	55.6 Ω
Coil Special Features	UL Coil Insulation Class F
Coil Voltage Rating	5 VDC
Contact Switching Load (Min)	100mA @ 5V
Contact Switching Voltage (Max)	250 VAC



Contact Voltage Rating	250 VAC
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Body Features

Product Weight	6.5 g
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Primary Product Color	Black
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Contact Features

Contact Arrangement	1 Form A (NO)
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Contact Current Class	5 – 10 A
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Contact Current Rating (Max)	10 A
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Contact Material	AgSnO
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Contact Number of Poles	1
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Relay Terminal Type	PCB-THT
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Mechanical Attachment

Relay Mounting Type	Printed Circuit Board
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Dimensions

Product Width	10.2 mm
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Product Length	18.2 mm
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Product Height	15.2 mm
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Usage Conditions

Environmental Ambient Temperature (Max)	85 °C
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Operating Temperature Range	-30 – 85 °C
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Packaging Features

Packaging Method	Box & Tray
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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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 # 2071509-1
OJT-SS-124HM,00000


Customers Also Bought



TE Part #1-1462038-3
IM03NS=IM RELAY 140mW 5V



TE Part #3-1393789-5
V23079A2001B301



TE Part #2-87215-5
50 MODII HDR DRST UNSHRD .100



TE Part #6-2176092-1
RP 2A 0.25W 3K24 0.1% 25PPM 1K RL



TE Part #7-1879337-5
CPF 0603 14K7 1% 50PPM 1K RL



TE Part #4-1879280-6
RP 2A 200K 0.1% 15PPM CUT LENGTH



TE Part #7-2176092-2
RP 2A 0.25W 4K22 0.1% 25PPM 1K RL



TE Part #3-2176370-9
RQ 0603 1K07 0.1% 10PPM 5K RL



Documents

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2071508-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2071508-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2071508-1_B.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[OJT_TV-8_Rated_Relay_Flyer](#)

English

[OJT Series Relay Datasheet](#)

English

Product Specifications

[Definitions General Purpose Relays](#)

English

Agency Approvals

[VDE Certificate](#)

English