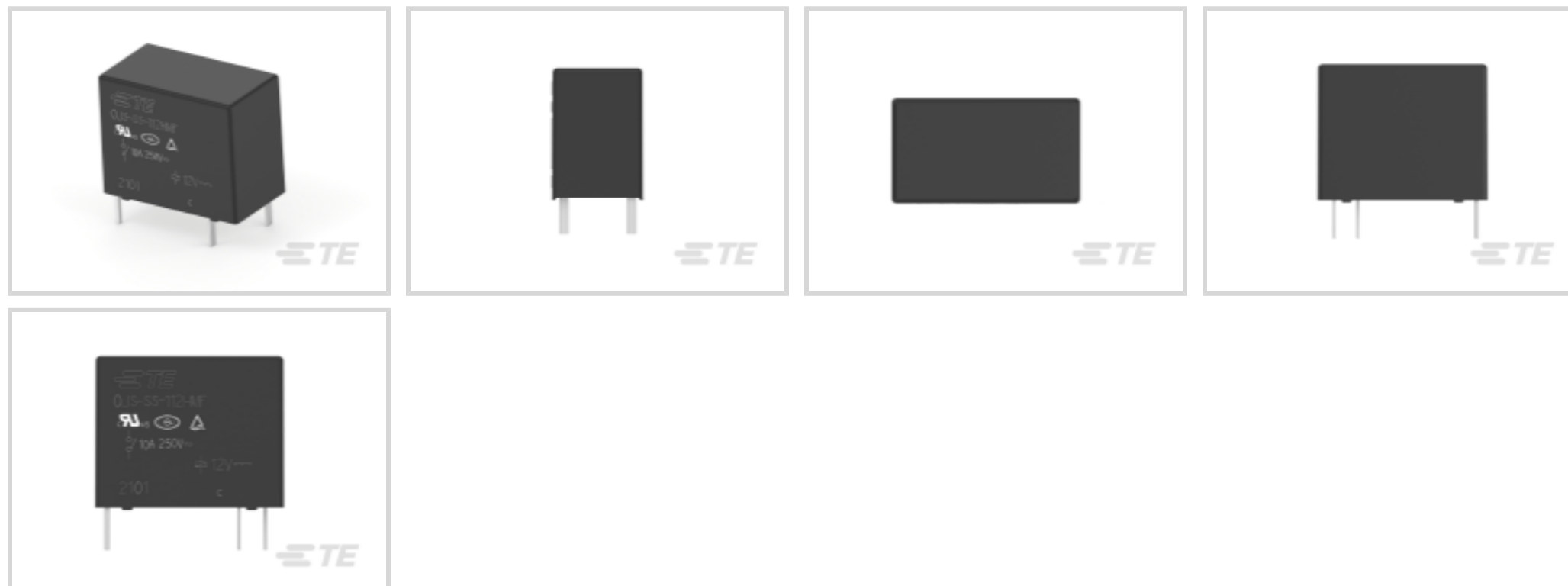




Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: **Standard**

Coil Magnetic System: **Monostable, DC**

Coil Power Rating Class: **150 – 200 mW**

Coil Power Rating DC: **200 mW**

Coil Resistance: **720 Ω**

Features

Product Type Features

Enclosure Type	Plastic Dust Cover
Output Type	AC
Power Relay Type	Standard

Configuration Features

Output Switching	Random
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Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	3500 – 4000 V
Output Current Rating	0 – 10 Arms
Actuating System	DC
Insulation Initial Dielectric Between Open Contacts	750 Vrms
Contact Limiting Short-Time Current	10 A
Coil Power Rating	.2 W
Insulation Creepage Class	7 – 11 mm
Insulation Initial Dielectric Between Adjacent Contacts	750 Vrms
Insulation Initial Resistance	1000 MΩ



Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Output Voltage (Max)	250 V
Contact Limiting Making Current	10 A
Insulation Creepage Between Contact & Coil	11 mm[.43 in]
Contact Limiting Continuous Current	10 A
Output Voltage Rating (AC Relays)	0 – 250 Vrms
Output Current (Min)	.1 A
Contact Limiting Breaking Current	10 A
Coil Current	.017 A
Coil Magnetic System	Monostable, DC
Coil Power Rating Class	150 – 200 mW
Coil Power Rating DC	200 mW
Coil Resistance	720 Ω
Coil Special Features	UL Coil Insulation Class F
Coil Voltage Rating	12 VDC
Contact Switching Load (Min)	100mA @ 5V
Contact Switching Voltage (Max)	250 VAC
Contact Voltage Rating	250 VAC

Body Features

Product Weight	5.8 g
Case Color	Black

Contact Features

Contact Plating Material	AgSnO
Switch Arrangement	1 Form A (SPST-NO)
Contact Arrangement	1 Form A (SPST-NO)
Contact Current Class	10 A
Contact Current Rating (Max)	10 A
Contact Material	AgSnOInO
Contact Number of Poles	1
Terminal Type	PCB-THT

Termination Features

Relay Termination Type	Through Hole
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Mechanical Attachment

Relay Mounting Type	Printed Circuit Board
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Dimensions

Length Class (Mechanical)	16 – 20 mm
Height Class (Mechanical)	14 – 15 mm
Insulation Clearance Between Contact & Coil	7 mm[.28 in]
Insulation Clearance Class	7 – 11 mm
Width Class (Mechanical)	10 – 12 mm
Product Width	10.2 mm[.4 in]
Product Length	18.2 mm[.717 in]
Product Height	14.8 mm[.579 in]

Usage Conditions

Environmental Ambient Temperature (Max)	85 °C[185 °F]
Environmental Ambient Temperature Class	70 – 85 °C
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F][-40 – 185 °F]

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	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: JAN 2021 (211) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Wave solder capable to 265°C

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

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2071556-4_A1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2071556-4_A1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2071556-4_A1.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

Industrial Relays Quick Reference Guide

English

OJS_10A/16A

English

OJS Power Miniature PCB 10A / 16A Relays

English

Industrial Relays Quick Reference Guide

Japanese

Industrial Relays Quick Reference Guide

Product Specifications



Definitions, Handling, Processing, Testing and Use of Relays

English