

# OJ-SS-109LMH2-WG ✓ ACTIVE



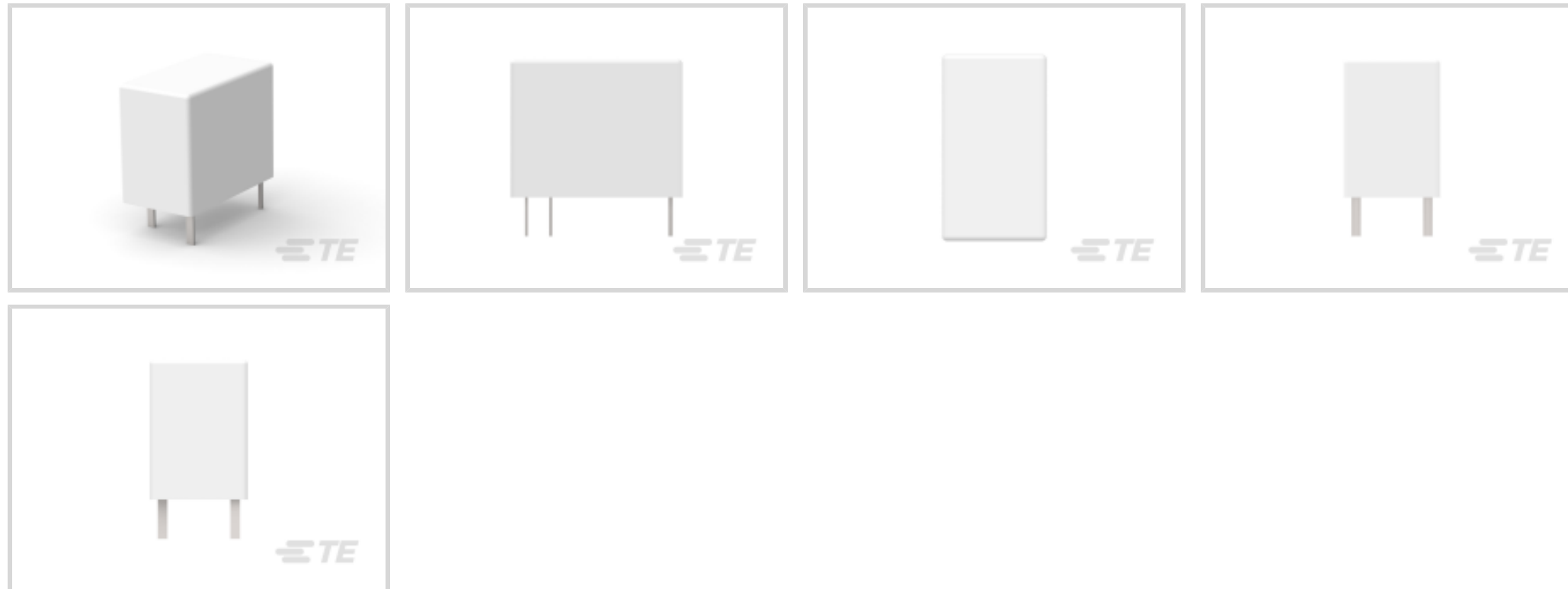
OEG | OEG Miniature PCB Relay OJ/OJE

TE Internal #: 1721874-4

General Purpose Power Relay, DC, Monostable, 1 Form A SPST-NO, 8 A Contact Rating, 9 VDC Coil Voltage, OEG Miniature PCB Relay OJ/OJE

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Relays & Contactors > Electromechanical Relays > STD OEG Miniature PCB OJ/OJE Pow Relays



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

Current Type: **DC**

Coil Magnetic System: **Monostable**

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

Contact Current Rating: **8 A**

[All STD OEG Miniature PCB OJ/OJE Pow Relays \(65\)](#)

## Features

### Contact Features

Contact Material	AgSnOInO
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### Dimensions

Insulation Clearance Between Contact & Coil	3.2 mm[.125 in]
Insulation Creepage Between Contact & Coil	9.4 mm[.37 in]
Product Width	10.2 mm[.401 in]
Product Length	18.2 mm[.716 in]
Product Height	14.7 mm[.578 in]

### Packaging Features

Packaging Method	Box & Tray
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### Other

Coil Power Rating Class	.15 – .2 W
Contact Current Class	16 A



Environmental Ambient Temperature Class	50 – 70 °C
Height Class (Mechanical)	14 – 15 mm
Length Class (Mechanical)	16 – 20 mm
Width Class (Mechanical)	10 – 12 mm
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

### Usage Conditions

Environmental Category of Protection	RTII
Environmental Ambient Temperature (Max)	70 °C[158 °F]

### Body Features

Product Weight	9 g[.318 oz]
Enclosure Type	Flux Resistant Automatic Soldering

### Electrical Characteristics

Contact Limiting Short-Time Current	8 A
Contact Limiting Making Current	8 A
Contact Limiting Continuous Current	8 A
Contact Limiting Breaking Current	8 A
Insulation Initial Dielectric Between Open Contacts	750 Vrms
Contact Switching Voltage (Max)	277 VAC
Contact Switching Load (Min)	100mA @ 5V
Coil Resistance	405 Ω
Contact Current Rating	8 A
Coil Voltage Rating	9 VDC
Contact Voltage Rating	30 VDC
Coil Power Rating DC	.2 W
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms

### Configuration Features

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

### Product Type Features

Relay & Contactor Type	General Purpose Power Relay
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### Operation/Application

Current Type	DC
Coil Magnetic System	Monostable

### Termination Features

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

### Mechanical Attachment

Product Mount Type	Board Mount
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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: 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	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



## Also in the Series | [OEG Miniature PCB Relay OJ/OJE](#)



## Customers Also Bought



## Documents

### [Product Drawings](#) [OJ-SS-109LMH2-WG](#)

English

### [CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1721874-4\\_J.2d\\_dxf.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1721874-4\\_J.3d\\_igs.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1721874-4\\_J.3d\\_stp.zip](#)



English

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

### Datasheets & Catalog Pages

[OJ\\_OJE Series Relay Data Sheet English](#)

English

### Product Specifications

[Definitions General Purpose Relays](#)

English

### Agency Approvals

[VDE Certificate](#)

English