

# OJ-SS-112LMH2 ✓ ACTIVE

TE Internal #: 1721260-5

Power Relays, Standard, Monostable, 200 mW Coil Power Rating  
DC, 720  $\Omega$  Coil Resistance, UL Coil Insulation Class F, 12 VDC Coil  
Voltage, 1 Form A (NO)

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Relays & Contactors > Relays > Power Relays



Relay Type: **Standard**

Coil Magnetic System: **Monostable**

Coil Power Rating DC: **200 mW**

Coil Resistance: **720  $\Omega$**

Coil Special Features: **UL Coil Insulation Class F**

## Features

### Product Type Features

Relay Type	Standard
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### Configuration Features

Insulation Special Features	Tracking Index of Relay Base PTI250
Coil Special Features	UL Coil Insulation Class F
Contact Arrangement	1 Form A (NO)
Contact Number of Poles	1

### Electrical Characteristics

Insulation Initial Dielectric Between Open Contacts	750 Vrms
Contact Limiting Making Current	8 A
Contact Limiting Short-Time Current	8 A
Contact Limiting Continuous Current	8 A
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Contact Limiting Breaking Current	8 A
Coil Power Rating DC	200 mW



Coil Resistance	720 $\Omega$
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Coil Voltage Rating	12 VDC
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Contact Current Rating	8 A
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Contact Switching Load (Min)	100mA @ 5V
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Contact Switching Voltage (Max)	30 VDC
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Contact Voltage Rating	30 VDC
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### Body Features

Product Weight	9 g [.318 oz]
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### Contact Features

Contact Material	AgSnOInO
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### Termination Features

Relay Connection Type	PCB Termination
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Terminal Configuration	Solder Pins
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### Mechanical Attachment

Product Mount Type	Printed Circuit Board
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### Dimensions

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

Environmental Ambient Temperature (Max)	70 °C [158 °F]
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### Operation/Application

Actuating System	DC
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Coil Magnetic System	Monostable
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### Packaging Features

Packaging Method	Bundle
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### Other

Length Class (Mechanical)	16 - 20 mm
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Insulation Initial Dielectric Between Coil & Contact Class	3500 - 4000 V
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Environmental Ambient Temperature Class	50 - 70 °C
Insulation Creepage Class	5.5 - 8 mm
Insulation Clearance Class	0 - 2.5 mm
Height Class (Mechanical)	14 - 15 mm
Coil Power Rating Class	150 - 200 mW
Width Class (Mechanical)	10 - 12 mm
Contact Current Class	16 A

### Product Compliance

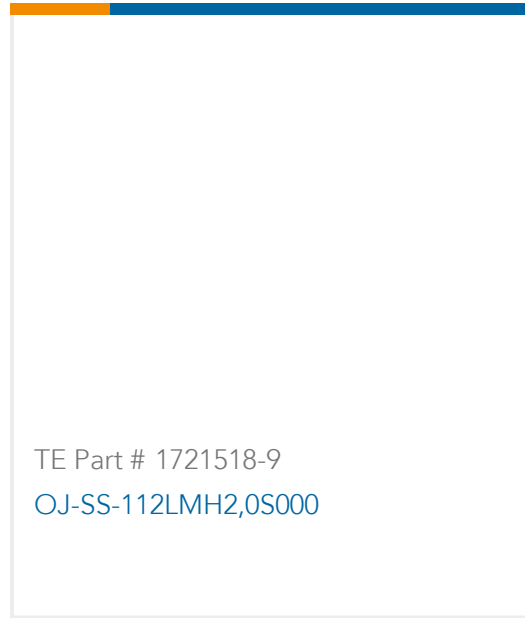
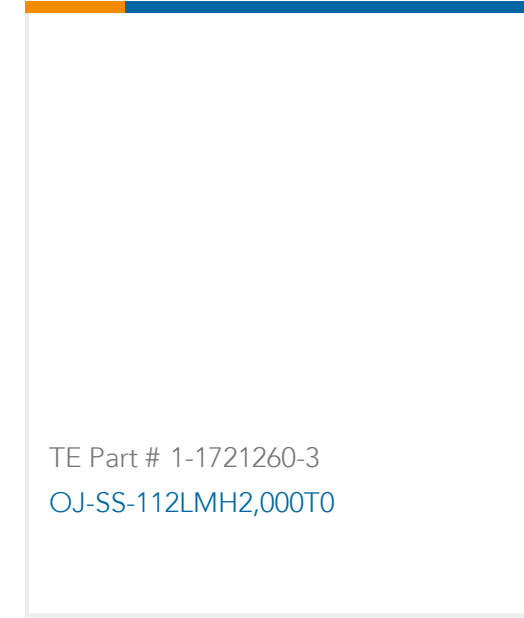
[For compliance documentation, visit the product page on TE.com>](#)

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

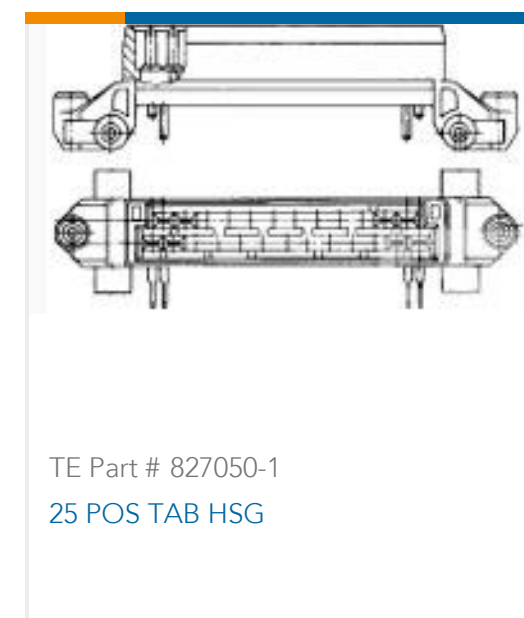
#### Product Compliance Disclaimer

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



### Customers Also Bought





TE Part # 1969498-1  
ASSY, TAB HDR, 7MM, 6.35 SERIES, 2  
POS

## Documents

### Product Drawings

[OJ-SS-112LMH2](#)

English

### CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1721260-5\\_J.2d\\_dxf.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1721260-5\\_J.3d\\_igs.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1721260-5\\_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