# OJT-SH-112DM,000 ACTIVE

### OEG | OEG Miniature PCB Relay OJT

TE Internal #: 1461116-1

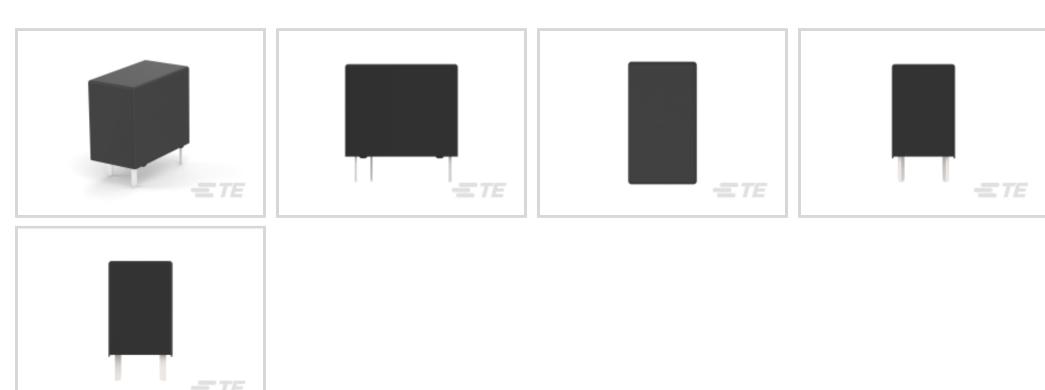
General Purpose Power Relay, DC, Monostable, 1 Form A SPST-NO, 5 A Contact Rating, 12 VDC Coil Voltage, OEG Miniature PCB

Relay OJT

View on TE.com >



Relays & Contactors > Electromechanical Relays > STD OEG PCB OSA Power 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: 5A

All STD OEG PCB OSA Power Relays (7)

## **Features**

## **Product Type Features**

Relay & Contactor Type	General Purpose Power Relay
Operation/Application	
Coil Magnetic System	Monostable
Current Type	DC
Configuration Features	
Contact Arrangement	1 Form A SPST-NO
Contact Number of Poles	1
Coil Special Features	UL Coil Insulation Class F
Electrical Characteristics	
Contact Current Rating	5 A
Coil Voltage Rating	12 VDC



Coil Power Rating DC	.45 W
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Contact Limiting Short-Time Current	5 A
Contact Limiting Making Current	5 A
Contact Limiting Continuous Current	5 A
Contact Limiting Breaking Current	5 A
Insulation Initial Dielectric Between Open Contacts	750 Vrms
Contact Switching Voltage (Max)	250 VAC
Contact Switching Load (Min)	100mA @ 5V
Coil Resistance	320 Ω
Termination Features	
Main Termination & Connection Type	Solder Pins
Coil Termination & Connection Type	Solder Pins
Mechanical Attachment	
Product Mount Type	Printed Circuit Board
Body Features	
Enclosure Type	Flux Resistant Automatic Soldering & Washable
Product Weight	6 g[.211 oz]
Jsage Conditions	
Environmental Ambient Temperature (Max)	85 °C[185 °F]
Environmental Category of Protection	RTIII
Other	
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
Coil Power Rating Class	.4 – .5 W
Contact Current Class	16 A
Environmental Ambient Temperature Class	70 – 85 °C
Contact Features	



Contact Material	AgSnO
Dimensions	
Insulation Clearance Between Contact & Coil	6.4 mm[.251 in]
Insulation Creepage Between Contact & Coil	6.4 mm[.251 in]
Product Width	10.2 mm[.401 in]
Product Length	18.2 mm[.716 in]
Product Height	15.2 mm[.598 in]
Packaging Features	
Packaging Method	Tray, Box & Tray

## **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**

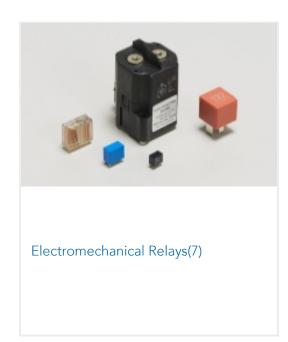






TE Part # 1-2071059-2 OJT-SH-112DM,0011W

## Also in the Series | OEG Miniature PCB Relay OJT



## Customers Also Bought



TE Part #5767096-1 MICT,REC,038,ASY,.025,TAPE PKG



TE Part #1986711-3 SCREWLESS, SW,3P,5.0 PCB



TE Part #2050994-1
JPT 3POS SEALED PLUG ASSY











## **Documents**

Product Drawings
OJT-SH-112DM,000

English

CAD Files
3D PDF

3D



**Customer View Model** 

ENG\_CVM\_CVM\_1461116-1\_D6.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1461116-1\_D6.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1461116-1\_D6.3d\_stp.zip

English

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

Datasheets & Catalog Pages

**OJT Series Relay Datasheet** 

English

**Product Specifications** 

**Definitions General Purpose Relays** 

English

**Agency Approvals** 

**VDE** Certificate

English