



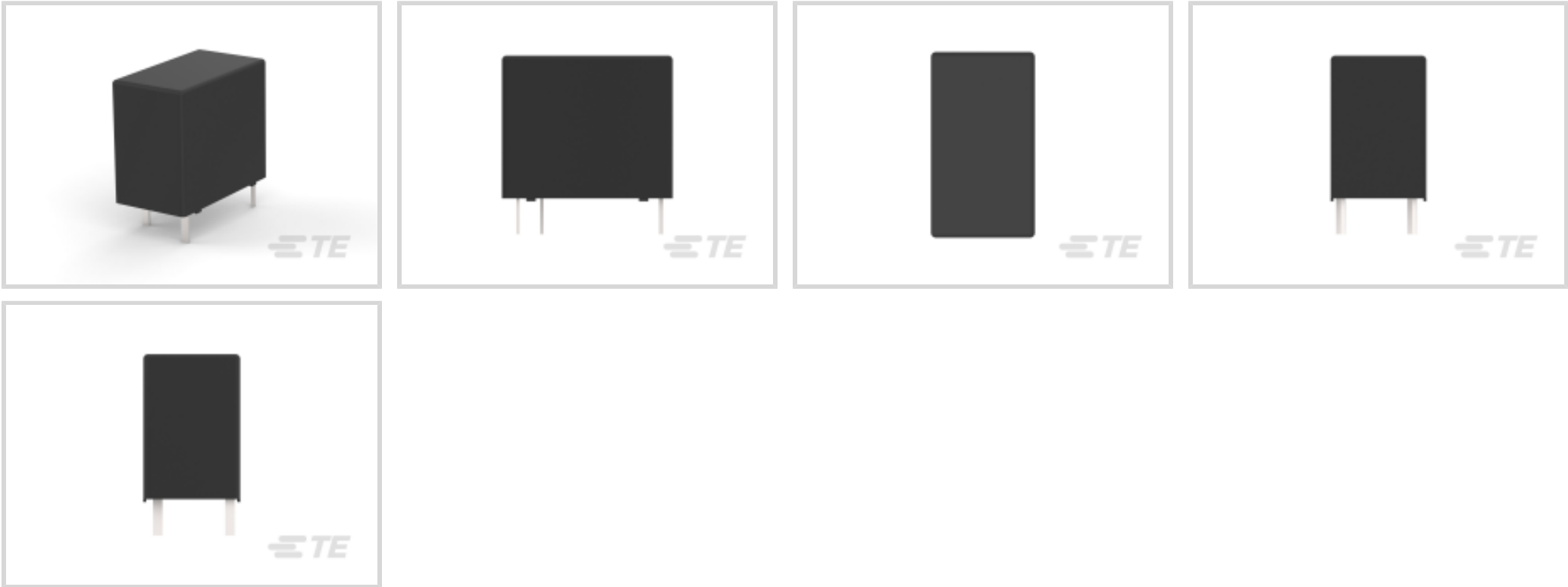
OEG | OEG Miniature PCB Relay OJT

TE Internal #: 1461492-5

OEG Miniature PCB Relay OJT, Power Relays, Standard,
Monostable, DC, 200 – 300mW Coil Power Rating Class, 250mW
Coil Power Rating DC

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Relays, Contactors & Switches > Relays > Power Relays > STD OEG PCB OSA Power Relays



Power Relay Type: **Standard**
Coil Magnetic System: **Monostable, DC**
Coil Power Rating Class: **200 – 300 mW**
Coil Power Rating DC: **250 mW**
Coil Resistance: **576 Ω**

[All STD OEG PCB OSA Power Relays \(14\)](#)

Features

Product Type Features

Power Relay Type	Standard
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Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	3500 – 4000 V
Insulation Initial Dielectric Between Open Contacts	750 Vrms
Contact Limiting Making Current	5 A
Contact Limiting Short-Time Current	5 A
Contact Limiting Continuous Current	5 A
Insulation Creepage Class	5.5 – 8 mm
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Insulation Creepage Between Contact & Coil	6.4 mm[.251 in]
Contact Limiting Breaking Current	5 A
Coil Magnetic System	Monostable, DC
Coil Power Rating Class	200 – 300 mW



Coil Power Rating DC	250 mW
Coil Resistance	576 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	6 g[.211 oz]
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Contact Features

Contact Arrangement	1 Form A (NO)
Contact Current Class	2 – 5 A, 16 A
Contact Current Rating (Max)	5 A
Contact Material	AgSnO
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
Insulation Clearance Class	2.5 – 4 mm
Height Class (Mechanical)	14 – 15 mm
Insulation Clearance Between Contact & Coil	6.4 mm[.251 in]
Width Class (Mechanical)	10 – 12 mm
Product Width	10.2 mm[.4 in]
Product Length	18.2 mm[.717 in]
Product Height	15.2 mm[.598 in]

Usage Conditions

Environmental Ambient Temperature Class	50 – 70 °C
Environmental Ambient Temperature (Max)	85 °C[185 °F]



Packaging Features

Packaging Method	Box & Tray, Tray
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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: JAN 2021 (211) 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

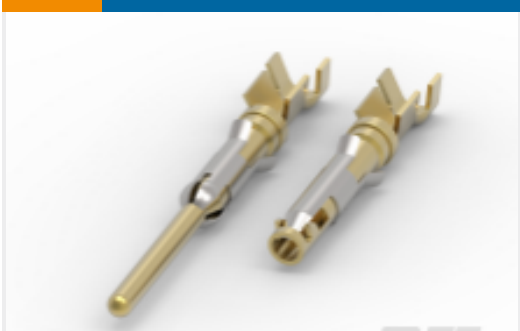


Also in the Series | OEG Miniature PCB Relay OJT



Power Relays(14)

Customers Also Bought



TE Part #1-163084-0
TYPE III CONTACTS LP EMEA



TE Part #1-1825910-8
FSM10JH=6MM TACT SWITCH, HIGH TEMP



TE Part #1-1744418-4
14 POS EP 2.5 HDR, GLOW WIRE



TE Part #1-1744418-2
12 POS EP 2.5 HDR, GLOW WIRE



TE Part #1-176497-1
250 HSG. PL EX FLAG REC. NAT



TE Part #1419131-5
OUAZ-SS-112L, 900



TE Part #1440002-8
STD SCHRACK RZF Power Relays



TE Part #1721531-4
PCN 3A/5A SLIM PCB RELAY 3VDC



TE Part #9-1415006-1
RTH34012



TE Part #1-1969570-2
ASSY, HDR, VERT, GWT, BOSSED, DUAL ROW, EP2.5

Documents

Product Drawings
OJT-SS-112LM,000 RELAY

English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1461492-5_D3.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1461492-5_D3.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1461492-5_D3.3d_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, Handling, Processing, Testing and Use of Relays](#)

English

Product Environmental Compliance

[MD_1461492-5_04152019453_dmtec](#)

English

[MD_1461492-5_04152019453_dmtec](#)

English