OJE-SS-112LMH,000 ✔ ACTIVE

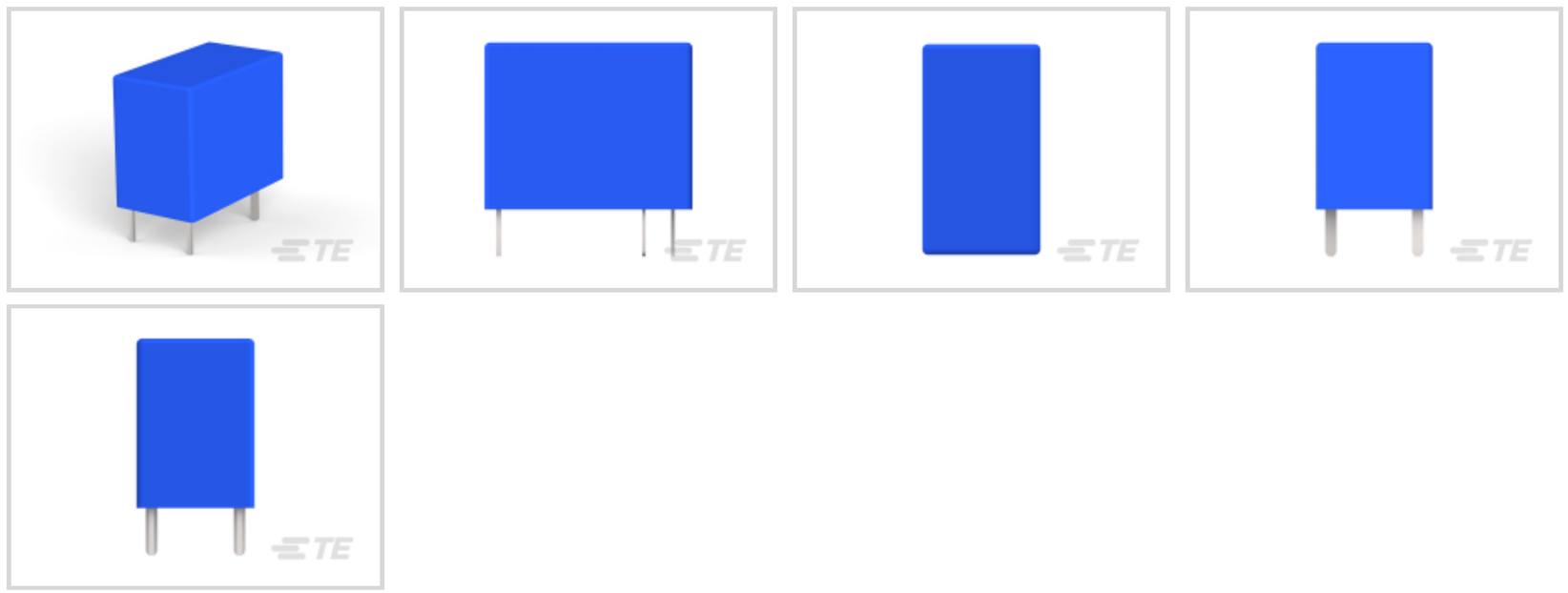
OEG | OEG Miniature PCB Relay OJ/OJE

TE Internal #: 5-1419128-0

General Purpose Power Relay, DC, Monostable, 1 Form A SPST-NO, 8 A Contact Rating, 12 VDC Coil Voltage, OEG Miniature PCB Relay OJ/OJE

View on TE.com >

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

Product Type Features

Relay & Contactor Type	General Purpose Power Relay

Configuration Features

Contact Number of Poles	1
Coil Special Features	Sensitive Version, UL Coil Insulation Class B
Contact Arrangement	1 Form A SPST-NO

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	720 Ω
Contact Current Rating	8 A
Coil Voltage Rating	12 VDC
Contact Voltage Rating	30 VDC
Coil Power Rating DC	.2 W
Insulation Initial Dielectric Between Contacts & Coil	3000 Vrms

Body Features

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

Contact Features

Contact Material	W + AgSnO2

Termination Features

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

Mechanical Attachment

Product Mount Type	Board Mount

Dimensions

Insulation Clearance Between Contact & Coil	3.2 mm[.125 in]
Insulation Creepage Between Contact & Coil	3.6 mm[.141 in]
Product Width	10.2 mm[.401 in]
Product Length	18.2 mm[.716 in]
Product Height	14.7 mm[.58 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
Environmental Category of Protection	RTII
Environmental Ambient Temperature (Max)	105 °C[221 °F]

Operation/Application

Current Type	DC
Coil Magnetic System	Monostable

Packaging Features

Packaging Method	Bundle

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

Product Compliance

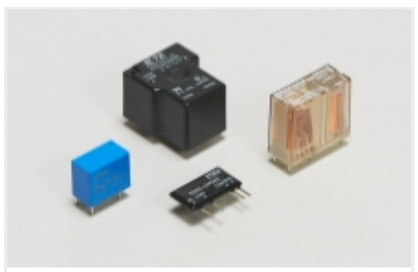
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Cadmium oxide (4.75% in 4735204725) **Article Safe Usage Statements:** Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

Compatible Parts

TE Part # CAT-OE4-OJ1
STD OEG Miniature PCB OJ/OJE Pow Relays

Also in the Series | OEG Miniature PCB Relay OJ/OJE



General Purpose Power Relays(67)

PCB Relays(67)

Customers Also Bought

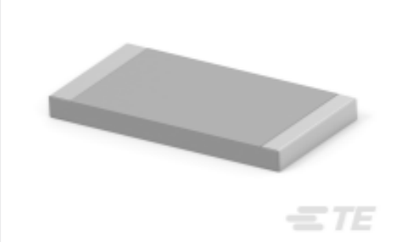
TE Part #2-1416010-3
RE034005

TE Part #284514-3
3 POS TERMI-BLOK HDR DIR. POL.

TE Part #5-104363-7
08 MTE HDR SRST LATCH .100CL

TE Part #3-1393127-8
PRD-11DG0-24=PRD

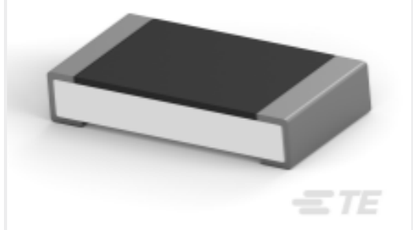
TE Part #284514-2
2 POS TERMI-BLOK HDR DIR. POL.



TE Part #2176331-5
CRGP 2512 22R 1%

TE Part #6-1614882-1
CPF 0603 47K 0.1% 25PPM 5K RL

TE Part #6-104363-1
12 MTE HDR SRST LATCH .100CL



TE Part #2176388-1
RQ 1206 10R 0.1% 10PPM 5K RL

TE Part #4-1623929-2
CFR200 5% 47R

Documents

Product Drawings

OJE-SS-112LMH,000

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-1419128-0_K.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-1419128-0_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-1419128-0_K.3d_stp.zip

English

Datasheets & Catalog Pages

OJ_OJE Series Relay Data Sheet English

English

Product Specifications

OJE-SS-112LMH,000 Spec Sheet

Japanese

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

English