1419135-3 ✔ ACTIVE

OEG | OEG Miniature PCB Relay OJ/OJE

TE Internal #: 1419135-3

Power Relays, Standard, Monostable, DC, 450 mW Coil Power Rating DC, 320 Ω Coil Resistance, UL Coil Insulation Class E, OEG Miniature PCB Relay OJ/OJE

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Relays, Contactors & Switches > Relays > Power Relays > STD OEG Miniature PCB OJ/OJE Pow Relays

Power Relay Type: **Standard**

Coil Magnetic System: **Monostable, DC**

Coil Power Rating Class: **400 – 500 mW**

Coil Power Rating DC: **450 mW**

Coil Resistance: **320 Ω**

All STD OEG Miniature PCB OJ/OJE Pow Relays (73)

Features

Product Type Features

Power Relay Type	Standard

Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	3500 – 4000 V
Insulation Initial Dielectric Between Open Contacts	750 Vrms
Contact Limiting Making Current	10 A
Contact Limiting Short-Time Current	10 A
Contact Limiting Continuous Current	10 A
Insulation Creepage Class	5.5 – 8 mm
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Insulation Creepage Between Contact & Coil	9.4 mm[.37 in]
Contact Limiting Breaking Current	10 A
Coil Magnetic System	Monostable, DC
Coil Power Rating Class	400 – 500 mW

Coil Power Rating DC	450 mW
Coil Resistance	320 Ω
Coil Special Features	UL Coil Insulation Class E
Coil Voltage Rating	12 VDC
Contact Switching Load (Min)	100mA @ 5V
Contact Switching Voltage (Max)	30 VDC
Contact Voltage Rating	30 VDC

Body Features

Insulation Special Features	Tracking Index of Relay Base PTI250
Product Weight	9 g[.318 oz]

Contact Features

Contact Arrangement	1 Form A (NO)
Contact Current Class	5 – 10 A, 16 A
Contact Current Rating (Max)	10 A
Contact Material	AgCdO
Contact Number of Poles	1
Relay Terminal Type	PCB-THT

Termination Features

Relay Termination Type	Through Hole

Mechanical Attachment

Relay Mounting Type	Printed Circuit Board

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	7.7 mm[.303 in]
Width Class (Mechanical)	10 – 12 mm
Product Width	10.2 mm[.4 in]
Product Length	18.2 mm[.717 in]
Product Height	14.7 mm[.579 in]

Usage Conditions

Environmental Ambient Temperature Class	50 – 70 °C

Environmental Ambient Temperature (Max)	70 °C[158 °F]

Packaging Features

Packaging Method	Box & Tray, Tray

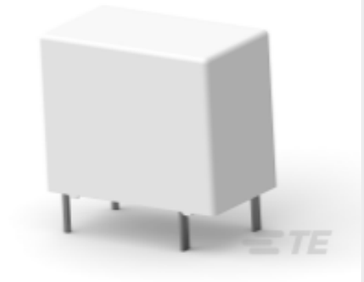
Product Compliance

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	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Cadmium oxide (5.91% in Component Part) **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



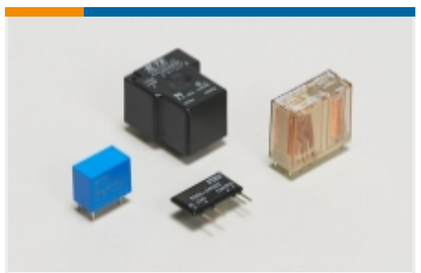
TE Part # 2071398-1
OJ-SS-112HM6-WG,00000

TE Part # 2071507-1
OJT-SS-112HM,00000

TE Part # 2071508-1
OJT-SS-105HM,00000

TE Part # 2071509-1
OJT-SS-124HM,00000

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



Power Relays(75)

Documents

Product Drawings

OJ-SS-112HM,000

English

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1419135-3_D3.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1419135-3_D3.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1419135-3_D3.3d_stp.zip

English

Datasheets & Catalog Pages

OJ_OJE Series Relay Data Sheet English

English

Product Specifications

Definitions, Handling, Processing, Testing and Use of Relays

English

Product Specification

Japanese

Product Environmental Compliance

MD_1419135-3_03072019556_dmtec

English

MD_1419135-3_03072019556_dmtec

English

TE Material Declaration

English