OJ-SS-124LMH,000 ACTIVE

OEG | OEG Miniature PCB Relay OJ/OJE

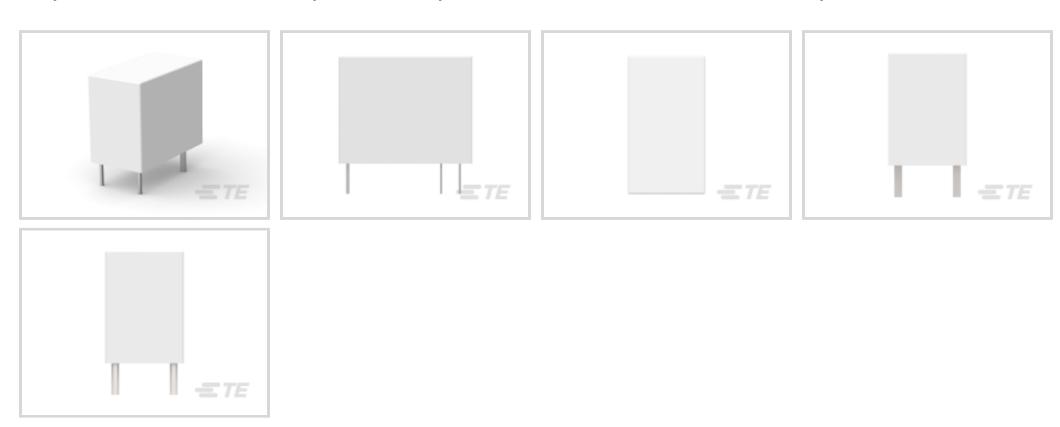
TE Internal #: 4-1419144-4

Power Relays, Standard, Monostable, DC, 200 mW Coil Power Rating DC, 2880 Ω Coil Resistance, OEG Miniature PCB Relay OJ /OJE

View on TE.com >



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: 150 – 200 mW

Coil Power Rating DC: 200 mW

Coil Resistance: 2880Ω

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	8 A
Contact Limiting Short-Time Current	8 A
Contact Limiting Continuous Current	8 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	8 A
Coil Magnetic System	Monostable, DC
Coil Power Rating Class	150 – 200 mW



Coil Power Rating DC 200 mW Coil Resistance 2880 Ω Coil Special Features UL Coil Insulation Class E Coil Voltage Rating 24 VDC Contact Switching Load (Min) 100mA № 5V Contact Switching Voltage (Max) 30 VDC Body Features 30 VDC Body Features Tracking Index of Relay Base PTI250 Product Weight 9 gl. 319 ozl Contact Features 2 Contact Arrangement Contact Current Class 5 – 10 A, 16 A Contact Current Rating (Max) 8 A Contact Material AgCeO Contact Number of Poles 1 Relay Termination Features 1 Relay Termination Type Through Hole Mechanical Attachment Printed Circuit Roard Mechanical Attachment Printed Circuit Roard Dimensions 1 Length Class (Mechanical) 14 – 20 mm Insulation Clearance Class 2.5 – 4 mm Height Class (Mechanical) 10 – 12 mm Product Width 10.2 mm/(4 in) Product Length <td< th=""><th></th><th></th></td<>		
Coil Special Features UL Coil Insulation Class E Coil Voltage Rating 24 VDC Contact Switching Load (Min) 100mA Ø 5V Contact Switching Voltage (Max) 30 VDC Body Features 30 VDC Insulation Special Features Tracking Index of Relay Base PTI250 Product Weight 9 g.316 o/l Contact Peatures Tracking Index of Relay Base PTI250 Contact Arrangement 1 Form A (NO) Contact Current Class 5 – 10 A, 16 A Contact Current Rating (Max) 8 A Contact Material AgCoO Contact Number of Poles 1 Relay Terminal Type PCB THT Tamination Features Printed Circuit Roard Relay Itemination Type Intrough Hole Mechanical Attachment Printed Circuit Roard Relay Mounting Type Printed Circuit Roard Dimensions Length Class (Mechanical) 16 – 20 mm Insulation Clearance Class 2.5 – 4 mm Height Class (Mechanical) 14 – 15 mm Insulation Clearance Setween Contact & Coil 7.7 mm (303 in)	Coil Power Rating DC	200 mW
Coil Voltage Rating 24 VDC Contact Switching Load (Min) 100mA ⊕ 5V Contact Switching Voltage (Max) 30 VDC Body Features 30 VDC Body Features Tracking Index of Relay Base PTI250 Product Worght 9 g[318 oz] Contact Features 5 To A, 16 A Contact Arrangement 1 Form A (NO) Contact Current Class 5 10 A, 16 A Contact Rating (Max) 8 A Contact Material AgCdO Contact Number of Poles 1 Relay Leminal Lype PCB-THI Termination Features Through Hole Mechanical Attachment Relay Termination Type Mechanical Attachment Printed Circuit Board Dimensions 16 – 20 mm Insulation Clearance Class 2.5 4 mm I leight 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 inj Product Height 14.7 mm[579 in] Usage Conditions	Coil Resistance	2880 Ω
Contact Switching Load (Min) Contact Switching Voltage (Max) Contact Switching Voltage (Max) Contact Voltage Rating Body Features Insulation Special Features Insulation Special Features Product Weight 9 gl.318 ozl Contact Features Contact Arrangement 1 Form A (NO) Contact Current Class 5 10 A, 16 A Contact Current Rating (Max) 8 A Contact Material AgCoC Contact Number of Poles 1 Relay Termination Type PCB-THT Termination Features Relay Termination Type Printed Circuit Board Dimensions Length Class (Mechanical) Insulation Clearance Class Height Class (Mechanical) Insulation Clearance Between Contact & Coil Vidth Class (Mechanical) Insulation Clearance Between Contact & Coil Vidth Class (Mechanical) Product Height Insulation Clearance Between Contact & Coil Vidth Class (Mechanical) Product Height Insulation Clearance Between Contact & Coil Vidth Class (Mechanical) Product Length Product Length Insulation Clearance Between Contact & Coil Vidth Class (Mechanical) Insulation Clearance Between Contact & Coil Vidth Class (Mechanical) Insulation Clearance Between Contact & Coil Vidth Class (Mechanical) Insulation Clearance Between Contact & Coil Vidth Class (Mechanical) Insulation Clearance Between Contact & Coil Vidth Class (Mechanical) Insulation Clearance Between Contact & Coil Vidth Class (Mechanical) Insulation Clearance Between Contact & Coil Vidth Class (Mechanical) Insulation Clearance Between Contact & Coil Vidth Class (Mechanical) Insulation Clearance Between Contact & Coil Vidth Class (Mechanical) Insulation Clearance Between Contact & Coil Vidth Class (Mechanical) Insulation Clearance Between Contact & Coil Vidth Class (Mechanical) Insulation Clearance Between Contact & Coil Vidth Class (Mechanical) Insulation Clearance Between Contact & Coil Vidth Class (Mechanical) Insulation Clearance Between Contact & Coil Vidth Class (Mechanical) Insulation Clearance Between Contact & Coil Vidth Class (Mechanical) Insulation Clearance Between Contact & Coil Vidth Class (Mechanical) Insulation Clearance Be	Coil Special Features	UL Coil Insulation Class E
Contact Switching Voltage (Max) 30 VDC Body Features 30 VDC Insulation Special Features Fracking Index of Relay Base PH250 Product Weight 9 g(.318 az) Contact Features From A (NO) Contact Current Class 5 – 10 A, 16 A Contact Current Rating (Max) 8 A Contact Mulber of Polos 1 Relay Terminal Type PCB-THT Termination Features Relay Termination Type Ihrough Hole Mechanical Attachment Printed Circuit Board Mechanical Attachment 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 Weith 10.2 mm, 4 in] Product Length 18.2 mm, 717 in] Product Length 14.7 mm, 579 in] Usage Conditions	Coil Voltage Rating	24 VDC
Body Features Insulation Special Features Product Weight Contact Features Contact Arrangement Contact Current Class Contact Gurrent Rating (Max) Contact Material Contact Number of Poles Relay Terminal Type PCB THT Termination Features Relay Termination Type Mechanical Attachment Relay Mounting Type Printed Circuit Board Dimensions Length Class (Mechanical) Insulation Clearance Class Height Class (Mechanical) Vidth Class (Mechanical) Product Width 10 - 20 mm Insulation Clearance Between Contact & Coil Vidth Class (Mechanical) Product Width 10 - 12 mm Product Width Product Length	Contact Switching Load (Min)	100mA @ 5V
Insulation Special Features Product Weight 9 gl.318 oz Contact Features Contact Arrangement 1 Form A (NO) Contact Current Class 5 - 10 A, 16 A Contact Material Agdo 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 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 (7.17 in) Product Height Usage Conditions	Contact Switching Voltage (Max)	30 VDC
Insulation Special Features Product Weight 9 gJ.318 oz] Contact Features Contact Arrangement 1 Form A (NO) Contact Current Class 5-10 A, 16 A Contact Current Rating (Max) 8 A Contact Material AgCdO Contact Number of Poles 1 PCB-THT Termination Features Relay Terminal Type PCB-THT Termination Type Through Hole Mechanical Attachment Relay Mounting Type Printed Circuit Board Dimensions Length Class (Mechanical) 16 - 20 mm Insulation Clearance Class 19 - 4 mm Insulation Clearance Between Contact & Coil 7.7 mm .303 in Width Class (Mechanical) 10 - 12 mm Product Width 10.2 mm[.579 in] Product Length Product Length 14.7 mm[.579 in] Usage Conditions	Contact Voltage Rating	30 VDC
Product Weight 9 gl,318 ozl Contact Features 1 Form A (NO) Contact Current Class 5 – 10 A, 16 A Contact Current Rating (Max) 8 A Contact Material AgCdO Contact Number of Poles 1 Relay Terminal Type PCB-THT Termination Features Relay Termination Type Through Hole Mechanical Attachment Printed Circuit Board Mechanical Attachment 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	Body Features	
Contact Features 1 Form A (NO) Contact Current Class 5 – 10 A, 16 A Contact Current Rating (Max) 8 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	Insulation Special Features	Tracking Index of Relay Base PTI250
Contact Arrangement 1 Form A (NO) Contact Current Class 5 - 10 A, 16 A Contact Current Rating (Max) 8 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 Length 18.2 mm[.717 in] Product Height Usage Conditions	Product Weight	9 g[.318 oz]
Contact Current Class 5 – 10 A, 16 A Contact Current Rating (Max) 8 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	Contact Features	
Contact Current Rating (Max) Contact Material AgCdO Contact Number of Poles Relay Terminal Type PCB-THT Termination Features Relay Termination Type Through Hole Mechanical Attachment Relay Mounting Type Printed Circuit Board Dimensions Length Class (Mechanical) Insulation Clearance Class Height Class (Mechanical) Insulation Clearance Between Contact & Coil 7.7 mm[.303 in] Width Class (Mechanical) Product Width 10.2 mm[.4 in] Product Length 18.2 mm[.717 in] Product Height Usage Conditions	Contact Arrangement	1 Form A (NO)
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 Usage Conditions	Contact Current Class	5 – 10 A, 16 A
Contact Number of Poles Relay Terminal Type PCB-THT Termination Features Relay Termination Type Through Hole Mechanical Attachment Relay Mounting Type Printed Circuit Board Dimensions Length Class (Mechanical) Insulation Clearance Class 2.5 – 4 mm Height Class (Mechanical) Insulation Clearance Between Contact & Coil 7.7 mm[.303 in] Width Class (Mechanical) Product Width 10.2 mm[.4 in] Product Length Product Length Product Height Usage Conditions	Contact Current Rating (Max)	8 A
Relay Termination Features Relay Termination Type Mechanical Attachment Relay Mounting Type Printed Circuit Board Dimensions Length Class (Mechanical) Insulation Clearance Class Height Class (Mechanical) Insulation Clearance Between Contact & Coil Width Class (Mechanical) Insulation Clearance Between Contact & Coil Product Width Insulation Clearance Between Contact & Coil T.7 mm[.303 in] Width Class (Mechanical) Product Length Insulation Clearance Between Contact & Coil T.7 mm[.377 in] Product Length Insulation Clearance Between Contact & Coil T.7 mm[.579 in] Product Height Usage Conditions	Contact Material	AgCdO
Relay Termination Type Through Hole Mechanical Attachment Relay Mounting Type Printed Circuit Board Dimensions Length Class (Mechanical) Insulation Clearance Class Peight Class (Mechanical) Insulation Clearance Between Contact & Coil Vidth Class (Mechanical) Insulation Clearance Between Contact & Coil Reproduct Width Insulation Clearance Between Contact & Coil Product Width Insulation Clearance Between Contact & Coil Reproduct Width Reproduct Height Insulation Clearance Between Contact & Coil Reproduct Height In	Contact Number of Poles	1
Relay Termination Type Mechanical Attachment Relay Mounting Type Printed Circuit Board Dimensions Length Class (Mechanical) Insulation Clearance Class Height Class (Mechanical) Insulation Clearance Between Contact & Coil 7.7 mm[.303 in] Width Class (Mechanical) Product Width 10.2 mm[.4 in] Product Length Product Length 14.7 mm[.579 in] Usage Conditions	Relay Terminal Type	PCB-THT
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	Termination Features	
Relay Mounting Type Printed Circuit Board Dimensions Length Class (Mechanical) Insulation Clearance Class Height Class (Mechanical) Insulation Clearance Between Contact & Coil 7.7 mm[.303 in] Width Class (Mechanical) Product Width 10.2 mm[.4 in] Product Length 18.2 mm[.717 in] Product Height Usage Conditions	Relay Termination Type	Through Hole
Dimensions Length Class (Mechanical) Insulation Clearance Class Height Class (Mechanical) Insulation Clearance Between Contact & Coil 7.7 mm[.303 in] Width Class (Mechanical) Product Width 10.2 mm[.4 in] Product Length 14.7 mm[.579 in] Usage Conditions	Mechanical Attachment	
Length Class (Mechanical) Insulation Clearance Class 2.5 – 4 mm Height Class (Mechanical) Insulation Clearance Between Contact & Coil 7.7 mm[.303 in] Width Class (Mechanical) Product Width 10.2 mm[.4 in] Product Length 18.2 mm[.717 in] Product Height Usage Conditions	Relay Mounting Type	Printed Circuit Board
Insulation Clearance Class 2.5 – 4 mm Height Class (Mechanical) Insulation Clearance Between Contact & Coil 7.7 mm[.303 in] Width Class (Mechanical) Product Width 10.2 mm[.4 in] Product Length 18.2 mm[.717 in] Product Height Usage Conditions	Dimensions	
Height Class (Mechanical) 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 Usage Conditions	Length Class (Mechanical)	16 – 20 mm
Insulation Clearance Between Contact & Coil 7.7 mm[.303 in] Width Class (Mechanical) Product Width 10.2 mm[.4 in] Product Length 18.2 mm[.717 in] Product Height Usage Conditions	Insulation Clearance Class	2.5 – 4 mm
Width Class (Mechanical) Product Width 10.2 mm[.4 in] Product Length 18.2 mm[.717 in] Product Height Usage Conditions	Height Class (Mechanical)	14 – 15 mm
Product Width 10.2 mm[.4 in] Product Length 18.2 mm[.717 in] Product Height 14.7 mm[.579 in] Usage Conditions	Insulation Clearance Between Contact & Coil	7.7 mm[.303 in]
Product Length 18.2 mm[.717 in] Product Height 14.7 mm[.579 in] Usage Conditions	Width Class (Mechanical)	10 – 12 mm
Product Height 14.7 mm[.579 in] Usage Conditions	Product Width	10.2 mm[.4 in]
Usage Conditions	Product Length	18.2 mm[.717 in]
	Product Height	14.7 mm[.579 in]
Environmental Ambient Temperature Class 50 – 70 °C	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 (4.75% 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

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 OJ/OJE



Documents

Product Drawings

OJ-SS-124LMH,000

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-1419144-4_K.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-1419144-4_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-1419144-4_K.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, Handling, Processing, Testing and Use of Relays

English

Power Relays, Standard, Monostable, DC, 200 mW Coil Power Rating DC, 2880 Ω Coil Resistance, OEG Miniature PCB Relay OJ/OJE



OJ-SS-124LMH,000 Spec Sheet

Japanese

Product Environmental Compliance

Product Compliance

English

Product Compliance

English