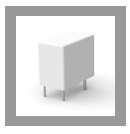
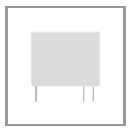
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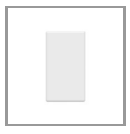
RELAYS, CONTACTORS & SWITCHES

# STANDARD POWER RELAYS









✔ Active

**PRODUCT DRAWING**
English

**3D PDF**

**TE CONNECTIVITY (TE)**

## OJ-SS-124LMHF,000

OEG | OJ/OJE

OJ-SS-124LMHF,000
TE Internal Number: 1461014-2

Always EU RoHS compliant but not ELV Compliant
Find Compliant Alternatives

Contact Current Rating (A) **8**

Coil Power Rating (DC) (mW) **200**

Insulation Clearance Class **2.5 – 4mm**

Insulation Creepage Class **5.5 – 8mm**

Terminal Type **PCB-THT**

### Product Drawings

OJ-LMHF CUSTOMER DRAWING
PDF
**English**

### CAD Files

3D PDF
PDF
**3D**

Customer View Model
2D_DXF.ZIP
**English**

Customer View Model
3D_IGS.ZIP
**English**

Customer View Model
3D_STP.ZIP
**English**

### Catalog Pages/Data Sheets

OJ_OJE Series Relay Data Sheet English
PDF
**English**

Please review product documents or contact us for the latest agency approval information.  Please Note: Use the Product Drawing for all design activity.

### Product Type Features

| | |
|---|---|
| Product Type | **Relay** |

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| | | |
|---|---|---|
| | Relay Type | **Miniature PCB Relay** |
| Electrical Characteristics | Coil Power Rating (DC) (mW) | **200** |
| | Insulation Creepage Class | **5.5 – 8mm** |
| | Coil Voltage Rating (VDC) | **24** |
| | Contact Voltage Rating | **250 VAC [ 30 VDC ]** |
| | Contact Switching Voltage (Max) | **277 VAC [ 30 VDC ]** |
| | Contact Limiting Breaking Current (A) | **8** |
| | Coil Special Features | **Sensitive Version, UL Coil Insulation Class F** |
| | Contact Limiting Continuous Current (A) | **8** |
| | Coil Magnetic System | **Monostable, DC** |
| | Contact Limiting Short-Time Current (A) | **8** |
| | Insulation Creepage Between Contact and Coil | **9.4 mm [ .37 in ]** |
| | Coil Resistance (Ω) | **2880** |
| | Contact Limiting Making Current (A) | **8** |
| | Contact Switching Load (Min) | **100mA @ 5V** |
| | Insulation Initial Dielectric Between Open Contacts (Vrms) | **750** |
| | Insulation Initial Dielectric Between Contacts and Coil (Vrms) | **4000** |
| | Coil Power Rating Class | **150 – 200 mW** |
| | Insulation Initial Dielectric Between Coil/Contact Class | **3500 – 4000 V** |
| Body Features | Insulation Special Features | **Tracking Index of Relay Base PTI250** |
| | Weight | **9 g [ .318 oz ]** |
| Contact Features | Contact Current Rating (A) | **8** |
| | Terminal Type | **PCB-THT** |
| | Contact Arrangement | **1 Form A (NO)** |
| | Contact Number of Poles | **1** |
| | Contact Material | **AgCdO** |
| | Contact Current Class | **5 – 10 A, Less Than 16A** |
| Mechanical Attachment | Mounting Type | **Printed Circuit Board** |
| Dimensions | Insulation Clearance Class | **2.5 – 4mm** |

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| | | |
|---|---|---|
| | Length Class (Mechanical) (mm) | **16 – 20** |
| | Length | **18.2 mm [ .717 in ]** |
| | Height Class (Mechanical) (mm) | **14 – 15** |
| | Height | **14.7 mm [ .579 in ]** |
| | Insulation Clearance Between Contact and Coil | **7.7 mm [ .303 in ]** |
| | Width Class (Mechanical) (mm) | **10 – 12** |
| | Width | **10.2 mm [ .4 in ]** |
| Usage Conditions | Environmental Category of Protection | **RTII** |
| | Environmental Ambient Temperature (Max) | **70 °C [ 158 °F ]** |
| | Environmental Ambient Temperature Class | **50 – 70°C** |
| Packaging Features | Packaging Method | **Tray, Tray/Box** |
| Product Compliance | Statement of Compliance<br>PDF | |
| | VIEW ALL PRODUCT COMPLIANCE | |

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