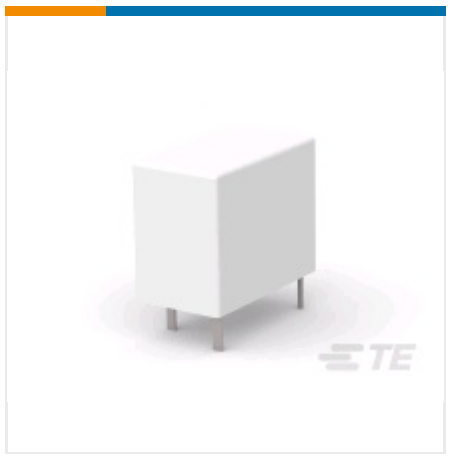
RELAYS, CONTACTORS & SWITCHES

POWER RELAYS





✔ Active

TE CONNECTIVITY (TE)

OJ-SH-124LM,000

OEG | OJ/OJE

OJ-SH-124LM,000
TE Internal Number: 1461404-4

EU RoHS Compliant
EU ELV Compliant

Power Relay Type Standard

Coil Magnetic System Monostable, DC

Coil Power Rating Class (mW) 150 – 200

Coil Power Rating DC (mW) 200

Coil Resistance (Ω) 2880

PRODUCT DRAWING
English

3D PDF

DOCUMENTATION

Product Drawings

OJ-SH-LM SPEC,000 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

Product Specifications

Product Specification

OJ-SH-124LM,000 Spec Sheet

PDF

Japanese

Definitions Relays

PDF

English

FEATURES

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

Power Relay Type Standard

Electrical Characteristics

Contact Limiting Breaking Current (A) 3
Coil Magnetic System Monostable, DC
Coil Power Rating Class (mW) 150 – 200
Coil Power Rating DC (mW) 200
Coil Resistance (Ω) 2880
Coil Special Features Sensitive Version, UL Coil Insulation Class B
Coil Voltage Rating (VDC) 24
Contact Switching Load (Min) 100mA @ 5V
Contact Switching Voltage (Max) (VAC) 277
Contact Switching Voltage (Max) (VDC) 30
Contact Voltage Rating (VAC) 250
Contact Voltage Rating (VDC) 30
Insulation Initial Dielectric Between Contacts & Coil (Vrms) 4000
Contact Limiting Continuous Current (A) 3
Insulation Creepage Between Contact & Coil 9.4 mm [.37 in]
Contact Limiting Making Current (A) 3
Insulation Creepage Class (mm) 5.5 – 8
Contact Limiting Short-Time Current (A) 3
Insulation Initial Dielectric Between Open Contacts (Vrms) 750
Insulation Initial Dielectric Between Coil & Contact Class (V) 3500 – 4000

Body Features

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

Contact Features

Contact Arrangement 1 Form A (NO)
Contact Current Class (A) 2 – 5, 16
Contact Current Rating (Max) (A) 3
Contact Material Ag
Contact Number of Poles 1
Terminal Type PCB-THT

Mechanical Attachment

Relay Mounting Type Printed Circuit Board

Dimensions

Width Class (Mechanical) (mm) 10 – 12
Length 18.2 mm [.717 in]
Insulation Clearance Class (mm) 2.5 – 4
Width 10.2 mm [.4 in]
Insulation Clearance Between Contact & Coil 7.7 mm [.303 in]
Height Class (Mechanical) (mm) 14 – 15
Height 14.7 mm [.579 in]
Length Class (Mechanical) (mm) 16 – 20

Usage Conditions

Environmental Category of Protection RTIII
Environmental Ambient Temperature Class (°C) 85 – 105
Environmental Ambient Temperature (Max) 90 °C [194 °F]

Packaging Features

Packaging Method Box & Tray, Tray

PRODUCT COMPLIANCE

Statement of Compliance

Statement of Compliance

PDF