



+ RELAYS, CONTACTORS & SWITCHES

POWER RELAYS



✓ Active

TE CONNECTIVITY (TE)

OJE-SH-112HM,000

OEG | OJ/OJE

OJE-SH-112HM,000

TE Internal Number: 1461402-6

EU RoHS Compliant with Exemptions

Not EU ELV Compliant

Power Relay Type Standard

Coil Magnetic System Monostable, DC

Coil Power Rating Class (mW) 400 – 500

Coil Power Rating DC (mW) 450

Coil Resistance (Ω) 320

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

DOCUMENTATION

Product Drawings

OJE-SH-HM 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

OJE-SH-112HM,000

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) 10
Coil Magnetic System Monostable, DC
Coil Power Rating Class (mW) 400 – 500
Coil Power Rating DC (mW) 450
Coil Resistance (Ω) 320
Coil Special Features UL Coil Insulation Class B
Coil Voltage Rating (VDC) 12
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) 3000
Contact Limiting Continuous Current (A) 10
Insulation Creepage Between Contact & Coil 3.6 mm [.141 in]
Contact Limiting Making Current (A) 10
Insulation Creepage Class (mm) 3 – 5.5
Contact Limiting Short-Time Current (A) 10
Insulation Initial Dielectric Between Open Contacts (Vrms) 750
Insulation Initial Dielectric Between Coil & Contact Class (V) 2500 – 3000

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) 5 – 10, 16
Contact Current Rating (Max) (A) 10
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) 0 – 2.5
Width 10.2 mm [.4 in]
Insulation Clearance Between Contact & Coil 3.2 mm [.129 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 ($^{\circ}\text{C}$) 50 – 70
Environmental Ambient Temperature (Max) 70 $^{\circ}\text{C}$ [158 $^{\circ}\text{F}$]

Packaging Features

Packaging Method Box & Tray, Tray



Statement of Compliance

Statement of Compliance

PDF
