



# OJE-SS-112HM,000 Product Details

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## OJE-SS-112HM,000 (4-1419128-3)

TE Internal Number: 4-1419128-3

Active

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### Industrial Relays (General Purpose)

Always EU RoHS compliant but not ELV Compliant (Statement of Compliance)

#### Product Highlights:

- OJ/OJE Series
- Contact - Current Class = 5A to 10A Class, Less Than 16A
- Contact - Rated Current = 10 A
- Terminal Type = PCB-THT
- Contact - Arrangement = 1 Form A (NO)

[View all Features](#)

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### Documentation & Additional Information

**Product Drawings:**

- [OJE-SS-HM SPEC,000 CUSTOMER DRAWING](#) (PDF, English)

**Catalog Pages/Data Sheets:**

- None Available

**Product Specifications:**

- [OJE-SS-112HM,000](#) (PDF, Japanese)

**Application Specifications:**

- None Available

**Instruction Sheets:**

- None Available

**CAD Files: (CAD Format & Compression Information)**

- [2D Drawing](#) (DXF, Version E)
- [3D Model](#) (IGES, Version E)
- [3D Model](#) (STEP, Version E)

[List all Documents](#)

**Additional Information:**

- [Product Line Information](#)

**Additional Product Images:**

- [Schematic](#)
- [Wiring Diagram](#)
- [PCB Layout \(Bottom Surface\)](#)

**Related Products:**

- [Tooling](#)

### Product Features (Please use the Product Drawing for all design activity)

**Electrical Characteristics:**

- Contact - Current Class = 5A to 10A Class, Less Than 16A
- [Contact - Rated Current \(A\)](#) = 10
- Contact - Limiting Continuous Current (A) = 10
- Contact - Limiting Making Current (A) = 10
- Contact - Limiting Breaking Current (A) = 10
- Insulation - Initial Dielectric Between Coil/Contact Class = 2500V to 3000V Class
- Insulation - Initial Dielectric Between Open Contacts (V rms) = 750
- Insulation - Initial Dielectric Between Contacts and Coil (V rms) = 3000
- Contact - Rated Voltage (VAC) = 277
- Contact - Rated Voltage (VDC) = 30
- Contact - Switching Voltage Max. (VAC) = 277
- Contact - Switching Voltage Max. (VDC) = 30
- Contact - Limiting Short-Time Current (A) = 10
- Contact - Switching Recommended Load, Min. = 100mA at 5V
- Coil - Rated Voltage (VDC) = 12
- [Coil - Resistance \(Ω\)](#) = 320
- [Coil - Rated Power, DC \(mW\)](#) = 450
- Coil - Rated Power Class = 400mW to 500mW Class
- Insulation - Creepage Class = 3mm to 5.5mm Class
- Insulation - Clearance Class = 0 to 2.5mm Class
- Insulation - Special Features = Tracking Index of Relay Base PTI250

**Dimensions:**

- Mechanical - Length Class = 16mm to 20mm Class
- Length (mm [in]) = 18.20 [0.717]

**Body Features:**

- Mount Type = PCB
- Weight (g [oz]) = 9.00 [0.318]

**Contact Features:**

- Terminal Type = PCB-THT
- Contact Material = Ag
- Contact - Number of Poles = 1

**Configuration Features:**

- [Contact - Arrangement](#) = 1 Form A (NO)
- [Coil - Magnetic System](#) = Monostable, DC
- Coil - Special Features = UL Coil Insulation Class B

**Industry Standards:**

- [RoHS/ELV Compliance](#) = RoHS/Not ELV Compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
- RoHS/ELV Compliance History = Always was RoHS not ELV compliant
- Approved/Registered Standards = CQC, TUEV, VDE, cULus

**Environmental:**

- Environmental - Category of Protection = RTII
- Environmental - Ambient Temperature, Max. (°C [°F]) = 70 [158]
- Environmental - Ambient Temperature Class = 50°C to 70°C Class

**Packaging Features:**

- Packaging Method = Tray

Feedback

- Mechanical - Width Class = 10mm to 12mm Class
- Width (mm [in]) = 10.20 [0.400]
- Mechanical - Height Class = 14mm to 15mm Class
- Height (mm [in]) = 14.70 [0.579]
- Insulation - Clearance Between Contact and Coil (mm [in]) = 1.6 [0.093]
- Insulation - Creepage Between Contact and Coil (mm [in]) = 3.2 [0.126]

**Other:**

- Series = OJ/OJE
- Brand = OEG

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