

OJE-SS-124HMF,F000 ✓ ACTIVE



OEG | OEG Miniature PCB Relay OJ/OJE

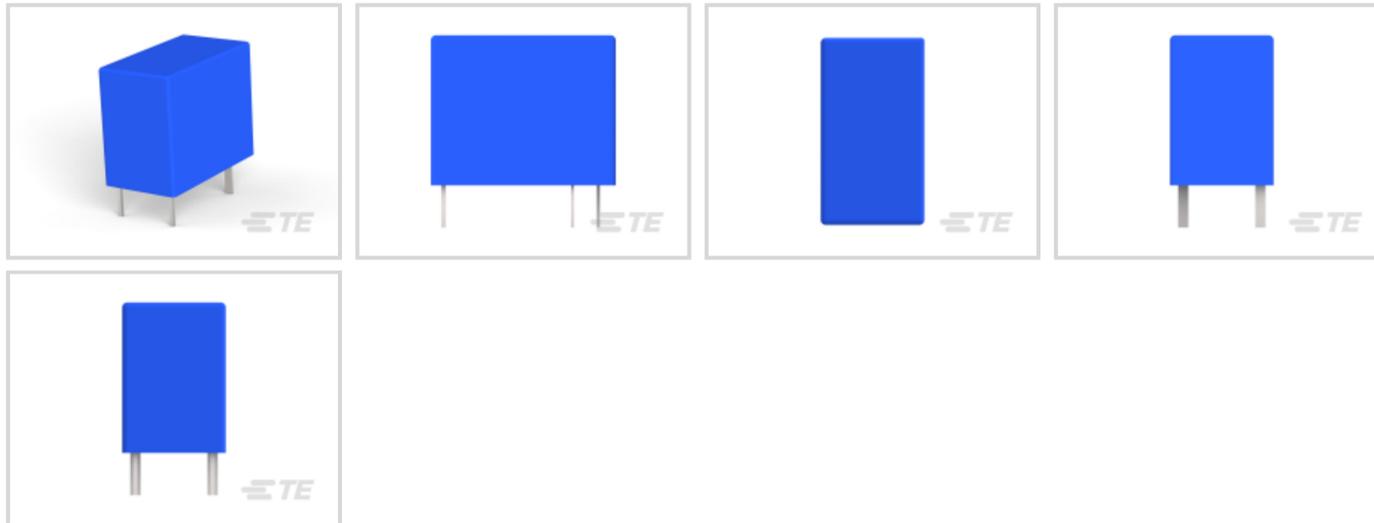
TE Internal #: 6-1419128-6

General Purpose Power Relay, Monostable, .45 W Coil, 1280 ohm

Coil Resistance, OEG Miniature PCB Relay OJ/OJE, Power Relays

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Relays & Contactors > Relays > Power Relays > STD OEG Miniature PCB OJ/OJE Pow Relays



Relay Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

Coil Power Rating DC: **.45 W**

Coil Resistance: **1280 Ω**

Coil Special Features: **UL Coil Insulation Class F**

[All STD OEG Miniature PCB OJ/OJE Pow Relays \(65\)](#)

Features

Product Type Features

| | |
|------------|-----------------------------|
| Relay Type | General Purpose Power Relay |
|------------|-----------------------------|

Configuration Features

| | |
|-------------------------|----------------------------|
| Coil Special Features | UL Coil Insulation Class F |
| Contact Arrangement | 1 Form A SPST-NO |
| Contact Number of Poles | 1 |

Electrical Characteristics

| | |
|---|-----------|
| Insulation Initial Dielectric Between Open Contacts | 750 Vrms |
| Contact Limiting Making Current | 10 A |
| Contact Limiting Short-Time Current | 10 A |
| Contact Limiting Continuous Current | 10 A |
| Insulation Initial Dielectric Between Contacts & Coil | 3000 Vrms |
| Contact Limiting Breaking Current | 10 A |
| Coil Power Rating DC | .45 W |



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|-----------------|--------|
| Coil Resistance | 1280 Ω |
|-----------------|--------|

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|---------------------|--------|
| Coil Voltage Rating | 24 VDC |
|---------------------|--------|

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|------------------------|------|
| Contact Current Rating | 10 A |
|------------------------|------|

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|------------------------------|------------|
| Contact Switching Load (Min) | 100mA @ 5V |
|------------------------------|------------|

| | |
|---------------------------------|--------|
| Contact Switching Voltage (Max) | 30 VDC |
|---------------------------------|--------|

| | |
|------------------------|--------|
| Contact Voltage Rating | 30 VDC |
|------------------------|--------|

Body Features

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|----------------|--------------|
| Product Weight | 9 g[.318 oz] |
|----------------|--------------|

Contact Features

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|------------------|------------------------|
| Contact Material | W + AgSnO ₂ |
|------------------|------------------------|

Termination Features

| | |
|-----------------------|-----------------|
| Relay Connection Type | PCB Termination |
|-----------------------|-----------------|

| | |
|------------------------|-------------|
| Terminal Configuration | Solder Pins |
|------------------------|-------------|

Mechanical Attachment

| | |
|--------------------|-----------------------|
| Product Mount Type | Printed Circuit Board |
|--------------------|-----------------------|

Dimensions

| | |
|---|-----------------|
| Insulation Clearance Between Contact & Coil | 3.2 mm[.125 in] |
|---|-----------------|

| | |
|--|-----------------|
| Insulation Creepage Between Contact & Coil | 3.6 mm[.141 in] |
|--|-----------------|

| | |
|---------------|------------------|
| Product Width | 10.2 mm[.401 in] |
|---------------|------------------|

| | |
|----------------|------------------|
| Product Length | 18.2 mm[.716 in] |
|----------------|------------------|

| | |
|----------------|-----------------|
| Product Height | 14.7 mm[.58 in] |
|----------------|-----------------|

Usage Conditions

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|--------------------------------------|------|
| Environmental Category of Protection | RTII |
|--------------------------------------|------|

| | |
|---|---------------|
| Environmental Ambient Temperature (Max) | 70 °C[158 °F] |
|---|---------------|

Operation/Application

| | |
|--------------|----|
| Current Type | DC |
|--------------|----|

| | |
|----------------------|------------|
| Coil Magnetic System | Monostable |
|----------------------|------------|

Packaging Features

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|------------------|--------|
| Packaging Method | Bundle |
|------------------|--------|

Other

| | |
|---------------------------|------------|
| Length Class (Mechanical) | 16 – 20 mm |
|---------------------------|------------|



| | |
|---|------------|
| Environmental Ambient Temperature Class | 50 – 70 °C |
| Height Class (Mechanical) | 14 – 15 mm |
| Coil Power Rating Class | .4 – .5 W |
| Width Class (Mechanical) | 10 – 12 mm |
| Contact Current Class | 16 A |

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 2024 (241) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Cadmium oxide (12% in Contact) 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



Customers Also Bought



Documents

[Product Drawings](#)
[OJE-SS-124HMF,F000](#)

English

[CAD Files](#)
[3D PDF](#)
3D



Customer View Model

[ENG_CVM_CVM_6-1419128-6_J.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6-1419128-6_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6-1419128-6_J.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 General Purpose Relays](#)

English

Agency Approvals

[VDE Certificate](#)

English