

OJ-SS-112LMH2

✓ ACTIVE

TE Internal #: 1721260-5

Power Relays, Standard, Monostable, DC, 200 mW Coil Power Rating DC, 720  $\Omega$  Coil Resistance, UL Coil Insulation Class F, 12 VDC Coil Voltage

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Relays & Contactors > Relays > Power Relays



Relay Type: **Standard**

Coil Magnetic System: **Monostable, DC**

Coil Power Rating DC: **200 mW**

Coil Resistance: **720  $\Omega$**

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

Features

Product Type Features

Relay Type	Standard
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Configuration Features

Insulation Special Features	Tracking Index of Relay Base PTI250
Coil Special Features	UL Coil Insulation Class F
Contact Arrangement	1 Form A (NO)
Contact Number of Poles	1

Electrical Characteristics

Insulation Initial Dielectric Between Open Contacts	750 Vrms
Contact Limiting Making Current	8 A
Contact Limiting Short-Time Current	8 A
Contact Limiting Continuous Current	8 A
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Contact Limiting Breaking Current	8 A
Coil Power Rating DC	200 mW



Coil Resistance	720 Ω
Coil Voltage Rating	12 VDC
Contact Current Rating	8 A
Contact Switching Load (Min)	100mA @ 5V
Contact Switching Voltage (Max)	30 VDC
Contact Voltage Rating	30 VDC

Body Features

Product Weight	9 g[.318 oz]
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Contact Features

Contact Material	AgSnOInO
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Termination Features

Relay Connection Type	PCB Termination
Terminal Configuration	Solder Pins

Mechanical Attachment

Product Mount Type	Printed Circuit Board
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Dimensions

Insulation Clearance Between Contact & Coil	3.2 mm[.125 in]
Insulation Creepage Between Contact & Coil	9.4 mm[.37 in]
Product Width	10.2 mm[.401 in]
Product Length	18.2 mm[.716 in]
Product Height	14.7 mm[.578 in]

Usage Conditions

Environmental Ambient Temperature (Max)	70 °C[158 °F]
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Operation/Application

Coil Magnetic System	Monostable, DC
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Packaging Features

Packaging Method	Bundle
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Other

Length Class (Mechanical)	16 - 20 mm
Insulation Initial Dielectric Between Coil & Contact Class	3500 - 4000 V
Environmental Ambient Temperature Class	50 - 70 °C



Insulation Creepage Class	5.5 - 8 mm
Insulation Clearance Class	0 - 2.5 mm
Height Class (Mechanical)	14 - 15 mm
Coil Power Rating Class	150 - 200 mW
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
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
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

OJ-SS-112LMH2

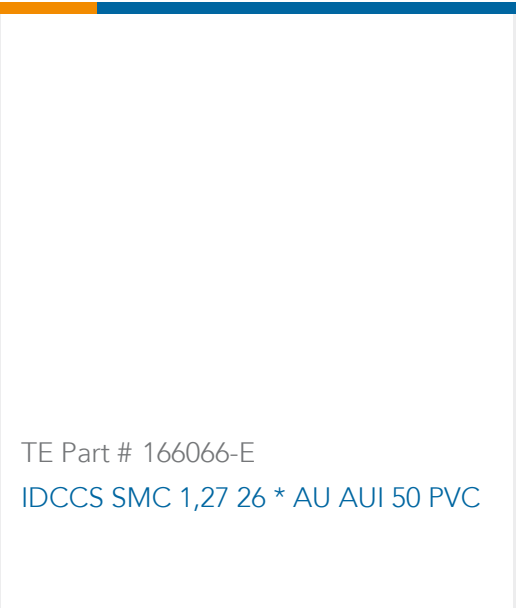
Power Relays, Standard, Monostable, DC, 200 mW Coil Power Rating DC, 720 Ω Coil Resistance, UL Coil Insulation Class F, 12 VDC Coil Voltage



 TE Part # 1-1721261-3 OJ-SH-112LMH2,000T0	 TE Part # 1461405-8 OJ-SH-112HM,000T0	 TE Part # 1721083-7 OJ-SS-112LMHF,000T0	 TE Part # 1649226-1 OJ-SH-112LMH,801
 TE Part # 1-1721260-5 OJ-SH-112LMH2,00000	 TE Part # 2071137-1 OJ-SH-112LMH2-WG,00000	 TE Part # 2071398-4 OJ-SS-112HM6,00000	 TE Part # 1-1721260-3 OJ-SS-112LMH2,000T0
 TE Part # 1721518-9 OJ-SS-112LMH2,0S000			

Customers Also Bought

 TE Part # 1658542-2 SOCKET CONT DUPL PLT STRIP HD-	 TE Part # 926728-1 FF 110 REC HSG 4P NYLON BLACK	 TE Part # 5-534267-1 14 MODIV VRT DR DE 100/125	 TE Part # 2-2176347-1 CRGCQ 2010 470R 1%
 TE Part # 1721261-5 OJE-SS-112LMH2	 TE Part # 2-644487-2 02P MTA100 SHRD HDR ASSY 30AU	 TE Part # 2-2271101-1 SCSI .050 REC ASS'Y 20P PB-FRE	 TE Part # 2143151-1 IMP100S,H,V5P14C,UG,DEW39,4.5



Documents

Product Drawings

OJ-SS-112LMH2

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1721260-5\_J.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1721260-5\_J.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1721260-5\_J.3d\_stp.zip

English

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Datasheets & Catalog Pages

OJ\_OJE Series Relay Data Sheet English

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

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