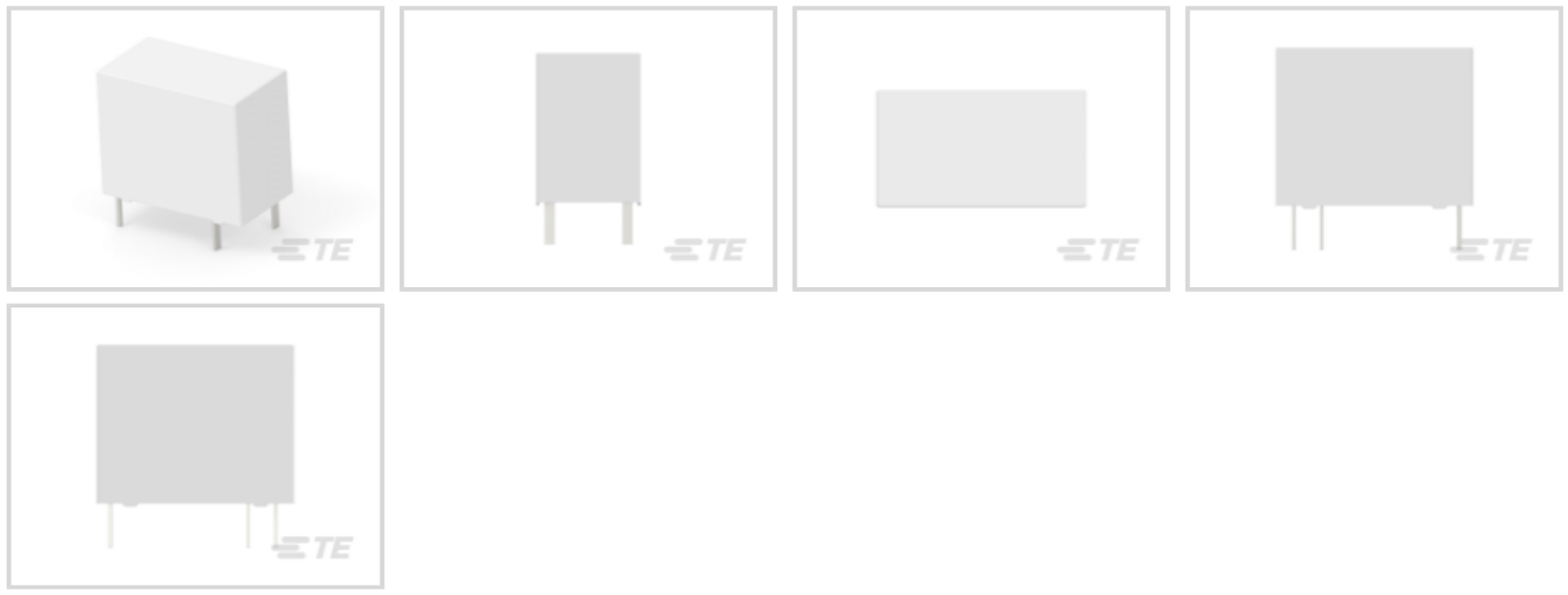
OJE-SS-112DM,801 ✔ ACTIVE

TE Internal #: 1649222-1

Power Relays, General Purpose Power Relay, Monostable, 450 mW Coil Power Rating DC, 320 Ω Coil Resistance, UL Coil Insulation Class F

View on TE.com >

Relays & Contactors > Relays > Power Relays



Relay Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

Coil Power Rating DC: **450 mW**

Coil Resistance: **320 Ω**

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

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 (NO)
Contact Number of Poles	1

Electrical Characteristics

Insulation Initial Dielectric Between Open Contacts	750 Vrms
Contact Limiting Making Current	5 A
Contact Limiting Short-Time Current	5 A
Contact Limiting Continuous Current	5 A
Insulation Initial Dielectric Between Contacts & Coil	3000 Vrms
Contact Limiting Breaking Current	5 A
Coil Power Rating DC	450 mW
Coil Resistance	320 Ω

Coil Voltage Rating	12 VDC
Contact Current Rating	5 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]

Contact Features

Contact Material	AgNi

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

Environmental Ambient Temperature (Max)	85 °C
Environmental Category of Protection	RTII

Operation/Application

Actuating System	DC
Coil Magnetic System	Monostable

Packaging Features

Packaging Method	Bundle

Other

Length Class (Mechanical)	16 – 20 mm
Insulation Initial Dielectric Between Coil & Contact Class	2500 – 3000 V

Height Class (Mechanical)	14 – 15 mm
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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

TE Part # 4-1419144-7
OJE-SH-112HMF,F095

TE Part # 1-1649222-2
OJE-SH-112DM,000T0

TE Part # 1-1721539-7
OJE-SS-112HM2.000T0



TE Part # 1649222-6
OJE-SS-112DM,0A000



TE Part # 1721261-7
OJE-SS-112LMH2,000T0

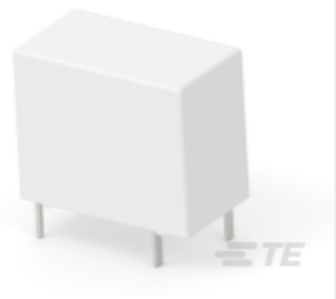


TE Part # 2071369-1
OJE-SH-112DM,00E0W



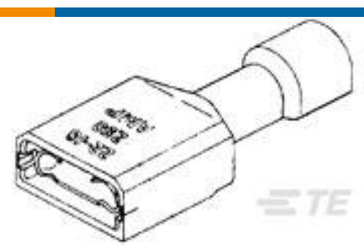
TE Part # 1649222-4
OJE-SH-112DM,801

TE Part # 2071385-2
OJE-SH-112HM2F,000



TE Part # 1721923-4
OJE-SS-112HMF,00D00

Customers Also Bought



TE Part #4-520447-2
ULTRA-FAST 250 ASY REC 12-10 AWG TPBR



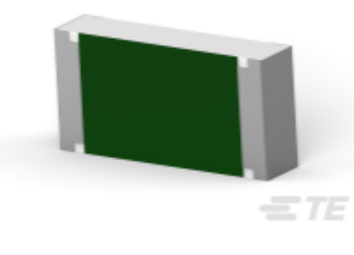
TE Part #964204-1
STD-POW-TIM KONTAKT



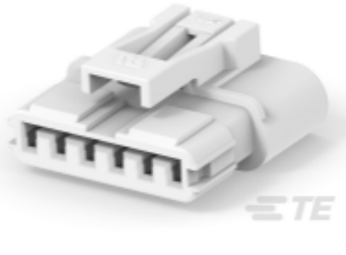
TE Part #770835-1
MINI UMNL PIN SN



TE Part #2238007-1
TERMINAL, PIN, LANCELESS, 22-26 AWG, EP2



TE Part #3-2176399-2
3502 100K 5%



TE Part #2443729-6
PLUG HOUSING SDL2.5 WATERPROOF 6PIN



TE Part #2238136-2
RECEPTACLE, POSITIVE-LOCK, RAST 6.35



TE Part #9-1440003-3
PCH-112D2H,000

TE Part #7-2377775-1
GI2.5 TPA,7P

TE Part #4-1241965-7
STD TIMER PLUG HSG 7P W/EXT. LOCKING

Documents

Product Drawings

OJE-SS-112DM,801

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1649222-1_C7.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1649222-1_C7.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1649222-1_C7.3d_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