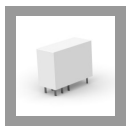
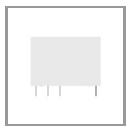
RELAYS, CONTACTORS & SWITCHES

STANDARD POWER RELAYS





✔ Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

OZ-SS-112LF,000

OEG | OZ

OZ-SS-112LF,000
TE Internal Number: 1461869-3

Always EU RoHS compliant but not ELV Compliant
Find Compliant Alternatives

Contact Current Rating (A) **16**

Coil Power Rating (DC) (mW) **540**

Insulation Clearance Class **5 – 8mm**

Insulation Creepage Class **5.5 – 8mm**

Terminal Type **PCB-THT**

Product Drawings

OZ_1T_CLASS-F_CUSTOMER_DWG
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

OZ_OZT Series Relay Data Sheet - English
PDF
English

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

Product Type	**Relay**

	Relay Type	**PCB Relay**
Electrical Characteristics	Coil Power Rating (DC) (mW)	**540**
	Insulation Creepage Class	**5.5 – 8mm**
	Coil Voltage Rating (VDC)	**12**
	Contact Voltage Rating (VAC)	**240**
	Contact Switching Voltage (Max)	**240 VAC [24 VDC]**
	Contact Limiting Breaking Current (A)	**16**
	Coil Special Features	**Sensitive Version, UL Coil Insulation Class A**
	Contact Limiting Continuous Current (A)	**16**
	Coil Magnetic System	**Monostable, DC**
	Contact Limiting Short-Time Current (A)	**16**
	Insulation Creepage Between Contact and Coil	**8 mm [.315 in]**
	Insulation Initial Resistance (MΩ)	**1000**
	Coil Resistance (Ω)	**267**
	Contact Limiting Making Current (A)	**16**
	Contact Switching Load (Min)	**100mA @ 5V**
	Insulation Initial Dielectric Between Open Contacts (Vrms)	**1000**
	Insulation Initial Dielectric Between Contacts and Coil (Vrms)	**5000**
	Coil Power Rating Class	**600 – 800 mW**
	Insulation Initial Dielectric Between Coil/Contact Class	**>4000V**
Body Features	Insulation Special Features	**10000V Initial Surge Withstand Voltage between Contacts & Coil**
	Weight	**13 g [.459 oz]**
Contact Features	Contact Current Rating (A)	**16**
	Terminal Type	**PCB-THT**
	Contact Arrangement	**1 Form C (CO)**
	Contact Number of Poles	**1**
	Contact Material	**AgCdO**
	Contact Current Class	**10 – 20 A, Greater Than 16A**
Mechanical Attachment	Mounting Type	**Printed Circuit Board**

Dimensions	Insulation Clearance Class	**5 – 8mm**
	Length Class (Mechanical) (mm)	**25 – 30**
	Length	**29.21 mm [1.15 in]**
	Height Class (Mechanical) (mm)	**20 – 25**
	Height	**20.6 mm [.811 in]**
	Insulation Clearance Between Contact and Coil	**5.5 mm [.217 in]**
	Width Class (Mechanical) (mm)	**12 – 16**
	Width	**12.8 mm [.504 in]**
Usage Conditions	Environmental Category of Protection	**RTII**
	Environmental Ambient Temperature (Max)	**70 °C [158 °F]**
	Environmental Ambient Temperature Class	**50 – 70°C**
Packaging Features	Packaging Method	**Box/Carton**
Product Compliance	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANCE	