OUAZ-SS-124L,900 ✔ ACTIVE

OEG | OEG Signal PCB Relay OUAZ

TE Part # 1-1419131-1

TE Internal #: OUAZ-SS-124L,900

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Relays, Contactors & Switches > Relays > Signal Relays

Contact Voltage Rating: **120 VAC**

Coil Power Rating (DC): **200 mW**

Isolation (HF Parameter): **-20.7dB @ 900MHz, -39dB @ 100MHz**

Insertion Loss (HF Parameter): **-.02dB @ 100MHz, -.27dB @ 900MHz**

Features

Product Type Features

Relay Type	Signal PCB Relay OUAZ
Relay Style	OUAZ Signal Relay
Product Type	Relay

Electrical Characteristics

Coil Power Rating Class	150 – 200 mW
Actuating System	AC/DC
Insulation Initial Dielectric Between Open Contacts	500 Vrms
Contact Limiting Short-Time Current	1 A
Insulation Initial Dielectric Between Contacts and Coil	1000 Vrms
Insulation Creepage Class	1.5 – 3 mm
Insulation Initial Dielectric Between Coil/Contact Class	500 – 1000 V
Power Consumption	200 mW
Insulation Initial Resistance	1000000 MΩ
Contact Limiting Making Current	1 A
Coil Resistance	1280 Ω
Contact Limiting Continuous Current	1 A
Insulation Creepage Between Contact and Coil	1.76 mm[.069 in]
Coil Type	Monostable
Contact Limiting Breaking Current	1 A
Contact Switching Load (Min)	1mA @ 1V
Contact Voltage Rating	120 VAC

Coil Power Rating (DC)	200 mW
Coil Voltage Rating	24 VDC
Contact Switching Voltage (Max)	24 VDC
Coil Magnetic System	Monostable, AC/DC

Signal Characteristics

Isolation (HF Parameter)	-20.7dB @ 900MHz, -39dB @ 100MHz
Insertion Loss (HF Parameter)	-.02dB @ 100MHz, -.27dB @ 900MHz

Body Features

Insulation Special Features	1500V Initial Surge Withstand Voltage between Contacts & Coil
Weight	3.5 g[.1235 oz]

Contact Features

Contact Plating Material	Gold
Contact Current Class	0 – 2 A
Terminal Type	PCB-THT
Contact Current Rating	1 A
Contact Arrangement	1 Form C (CO)
Contact Material	Nickel-Palladium Alloy
Contact Number of Poles	1

Termination Features

Termination Type	Through Hole

Mechanical Attachment

Mounting Type	Printed Circuit Board

Dimensions

Width Class (Mechanical)	10 – 12 mm
Width	10.4 mm[.409 in]
Height	11.2 mm[.441 in]
Length Class (Mechanical)	14 – 16 mm
Insulation Clearance Between Contact and Coil	1.5 mm[.059 in]
Height Class (Mechanical)	11 – 12 mm
Length	15.4 mm[.606 in]
Insulation Clearance Class	0 – 2.5 mm

Usage Conditions

Environmental Ambient Temperature (Max)	70 °C[158 °F]
Environmental Ambient Temperature Class	50 – 70°C
Environmental Category of Protection	RTII
Operating Temperature Range	-30 – 70 °C

Operation/Application

Performance Type	Sensitive

Packaging Features

Packaging Method	Box & Tube

Product Compliance

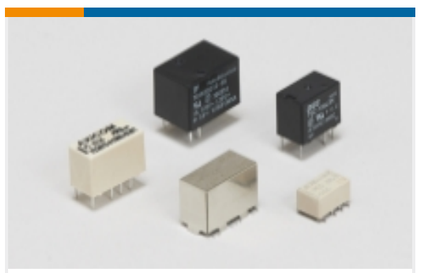
For compliance documentation, visit the product page on TE.com>

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 2019 (197) Candidate List Declared Against: JUN 2018 (191)
Halogen Content	Not Yet Reviewed for halogen content
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Also in the Series | OEG Signal PCB Relay OUAZ



Signal Relays(14)

Customers Also Bought

TE Part #6-1419128-4
OJE-SS-124HM,000

TE Part #1879927-5
EP 7W 10R 5%

TE Part #2-1440002-8
OZ-SS-124L,200

TE Part #8-1419130-6
OUAZ-SS-105L,900

TE Part #9-1419130-8
OUAZ-SS-109L,900

TE Part #1419131-5
OUAZ-SS-112L,900

TE Part #1721531-4
PCJ-105D3MH,303

TE Part #5-6437630-8
FTE79G04=FLAT TOGGLE

TE Part #1879666-7
H8 154K 0.1% 15PPM

TE Part #1624197-4
17P/PC 220KA 6X19FL SPDT PP

Documents

Product Drawings

OUAZ-SS-124L,900

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1419131-1_E1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1419131-1_E1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1419131-1_E1.3d_stp.zip

English

Datasheets & Catalog Pages

Industrial Relays Quick Reference Guide

English

Industrial Relays Quick Reference Guide

Japanese

Industrial Relays Quick Reference Guide

OUAZ series Relay data sheet English

English

Product Specifications

Definitions Relays

English