

OUAZ-SH-105L,405 ! PENDING OBSOLESCENCE

TE Internal #: 1461070-8

TE Internal Description: OUAZ-SH-105L,405

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Relays, Contactors & Switches > Relays > Signal Relays



Contact Voltage Rating: **24 VDC**

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

Signal Relay Mounting Type: **PCB-THT**

Signal Relay Terminal Type: **PCB-THT**

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	DC
Insulation Initial Dielectric Between Contacts and Coil	1000 Vrms
Insulation Creepage Class	1.5 – 1.76 mm
Input Voltage	5 VDC
Insulation Initial Dielectric Between Coil/Contact Class	1000 V – 1500 VA
Insulation Creepage Between Contact and Coil	1.5 mm
Insulation Initial Dielectric Between Adjacent Contacts	500 Vrms
Power Consumption	0 – 200 mW
Insulation Initial Resistance	1000 MΩ
Contact Limiting Making Current	1 A
Coil Resistance	125 Ω
Contact Limiting Continuous Current	1 A

Coil Type	DC Coil
Contact Limiting Breaking Current	1 A
Contact Switching Load (Min)	1mA @ 1V
Coil Special Features	Sensitive Version
Contact Voltage Rating	24 VDC
Signal Relay Coil Power Rating (DC)	200 mW
Signal Relay Coil Voltage Rating	5 VDC
Signal Relay Contact Switching Voltage (Max)	24 VDC
Signal Relay Coil Magnetic System	Monostable, DC

Body Features

Weight	3.5 g
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Contact Features

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

Termination Features

Termination Type	Solder Terminals
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Mechanical Attachment

Signal Relay Mounting Type	PCB-THT
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Dimensions

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

Usage Conditions

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

Operation/Application

Performance Type	Sensitive
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Packaging Features

Packaging Method	Box & Tube
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Product Compliance

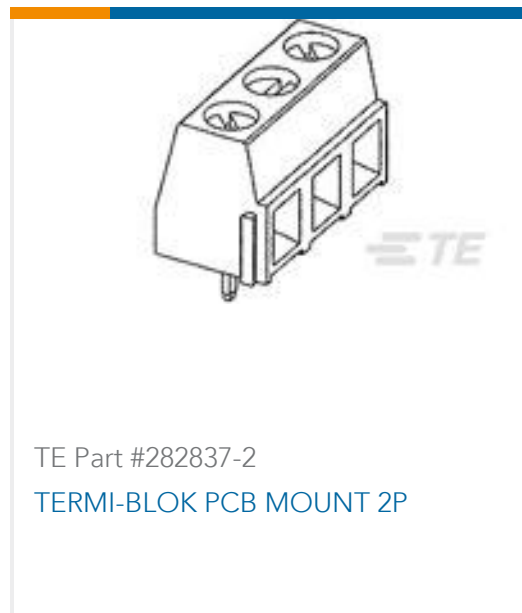
[For compliance documentation, visit the product page on TE.com>](#)

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 2023 (235) Candidate List Declared Against: JUN 2020 (209) Does not contain REACH SVHC
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 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>

Customers Also Bought



Documents

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1461070-8_F3.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1461070-8_F3.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1461070-8_F3.3d_stp.zip](#)

English

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Product Specifications

[Definitions General Purpose Relays](#)

English

Agency Approvals

[CQC_CERT_08001027388_C1](#)

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