ANRITSU_PCB Relays

Detailed product specifications are available on: us. 100y. com. tw

SPECIFICATIONS

	Description	Specification	Remarks
Coil	Nominal power consumption	150mW	
	Operating power consumption	75mW	
	Ambient temperature	−30 to +90°C	
Contact	Arrangement	DPDT(2 form C),bifurcated	
	Material	Au-overlaid Ag-Pd alloy	
	Circuit resistance	60mΩ or less	Initially
	Max. switching power	30W or 50VA	Resistive load
	Max. switching voltage	150Vdc or 220Vac	Resistive load
	Max. carrying current	2A	
Electrical characteristics	Max. operate time	7ms(8ms: SW-48B)	Nominal voltage
	Max. release time	4ms(6ms: SW-48B)	Nominal voltage
	Max. bounce time	2ms at operate, 6ms at release	Nominal voltage
	Insulation resistance	1000MΩ or more at 500Vdc	20±15°C, 65±15%RH
	Dielectric strength	Open contacts: 1300vdc; others1600Vdc	1 minute
	Surge voltage	Open contact: 1500V(10x1000μs)	
		Others: 2500V(10x1000μS)	
	Capacitance between open contacts	Approx. 2pF	
Life expectancy	Electrical endurance	$2x10^5$ operations(20mVac, 1mA)	Resistive load
		$2x10^5$ operations(20mVac, 20mA)	
		$2x10^5$ operations(96mVac, 140mA)	
		$1x10^5$ operations(24mVac, 1. 25A)	
		$1x10^5$ operations(150Vac, 0. 3A)	
	Mechanical endurance	$2x10^7$ operations	
Shock resistance	Functional	10G	IEC68-2-27
	Breakage	100G	
Vibration resistance	Functional	10 to 55Hz(Double amplitude 1. 5mm)	IEC68-2-6
	Breakage	10 to 55Hz(Double amplitude 4. 0mm)	
Coil temperature rise		14°C	Nominal voltage
Mass		Approx. 4g	

Part No.	Product No.	Description	Type	Coil Voltage	Contact Arrangement	Recognized Safety	Qutline L*W*H
29352	SW-5	ANRITSU_PCB Relay	SW-5	5V	DPDT(2 form C),bifurcated	UL	20.2(L)*9.8(W)*10.0(H)mm

Others_PCB Relays

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Features

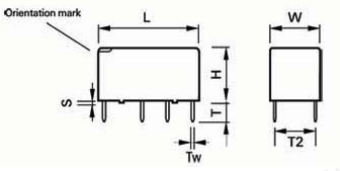
- Telecom/signal relay (dry circuit, test access, ringing)
- Slim line 20 x 10 mm, 0.795 x 0.393 inch
- Switching current 2 A
- 2 changeover contacts (2 form C / DPDT)
- Bifurcated contacts
- Meets FCC Part 68 and ITU-T K20

Typical applications

- Communications equipment
  Linecard application – analog, ISDN, xDSL PABX
  Voice over IP
- Office and business equipment
- Measurement and control equipment
- Consumer electronics
- Set top boxes, HiFi
- Medical equipment
- Automotive Equipment

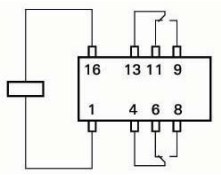
c UL us UL 508 File No. E 111441

IEC 61811-52:02 (QC160504)



THT

	mm	inch
L	20.2 +0.05/-0.02	0.795 +0.002/-0.0008
W	10 +0.05/-0.02	0.393 +0.002/-0.0008
H	11+0.1/-0.2	0.433 +0.004/-0.008
T	3.1± 0.3	0.122±0.011
T1	N/A	N/A
T2	7.62±0.15	0.3±0.005
S	0.55	0.021
Tw	0.5	0.020



Terminal assignment
Relay - top view

non-latching 1 coil
release condition

Contact Data

Number of contacts and type		2 changeover contacts
Contact assembly		Bifurcated contacts
Contact material		Silver-nickel, gold-covered
Limiting continuous current at max. ambient temperature		2 A
Maximum switching current		2 A
Maximum swichting voltage		220 Vdc 250 Vac
Maximum switching capacity		60 W, 62.5 VA
Thermoelectric potential		< 10 μV
Minimum switching voltage		100 μV
Initial contact resistance / measuring condition: 10 mA / 20 mV		< 70 mΩ
Electrical endurance	Contact application 0 (30 mV/ 10 mA)	min. 5 x 10^6 operations
	Cable load open end	min. 2.5 x 10^6 operations
	Resistive load 150 V / 0.2 A - 30 W 24 V / 1.25 A - 30 W	min. 2.0 x 10^5 operations min. 2.0 x 10^5 operations
Mechanical endurance		typ. 10^8 operations
UL contact ratings		220 Vdc / 0.24 A - 60 W 125 Vdc / 0.24 A - 30 W 250 Vac / 0.25 A - 62.5 VA 125 Vac / 0.5 A - 62.5 VA 30 Vdc / 2 A - 60 W

Part No.	Product No.	Description	Type	Contact Arrangement	Contact Rating	Coil Voltage	Recognized Safety	Qutline L*W*H
47073	C93401	AXICOM_Signal PCB Relay	non-latching, 1 coil	2 Form C, DPDT	1.25A	5VDC	UL, CSA	20.2*10*11
47075	C93402	AXICOM_Signal PCB Relay	non-latching, 1 coil	2 Form C, DPDT	1.25A	12VDC	UL, CSA	20.2*10*11
47076	C93403	AXICOM_Signal PCB Relay	non-latching, 1 coil	2 Form C, DPDT	1.25A	24VDC	UL, CSA	20.2*10*11