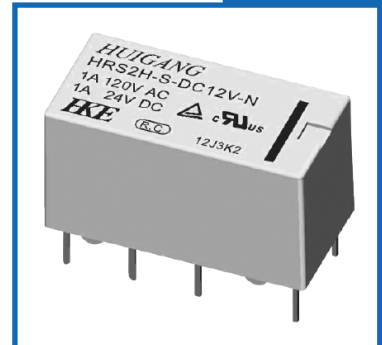


Micro Miniature High Sensitivity Signal Relay



DESCRIPTION

A Micro Miniature High Sensitivity DPDT Signal Relay. This double pole, through hole mounting relay is designed for switching control signals within circuits. Ideal for Communications, Measurement, Automation Control, and Audio Visual Equipment requiring miniature relay solutions.

DISTINCTIVE FEATURES

- Micro miniature size
- Dimensions: 20.3×9.9×11.4(mm)
- High sensitivity
- 2 Form C contacts (DPDT)
- Enclosure: S - Plastic Sealed Type
- Contact Material: AuAg overlay
- Electrical Life: 100,000 operations

APPLICATIONS

The small dimensions of these high sensitivity signal relays make them suitable for a wide variety of applications, including communications, measurement, automation control and audio visual equipment.

2A

UL

TUV

CQC

DPDT



ELECTRICAL SPECIFICATION

Contact Form		2 Form C
Contact Rating		NO/NC: 20A/15A 14VDC
Contact Resistance		Max. 100mΩ (6VDC 1A)
Insulation Resistance		Min. 100MΩ 500VDC
Load	Max Switching Voltage	16VDC
	Max Switching Current	2A
	Max Switching Power	240VA, 48W
	Min Switching Load	5VDC, 10mA
Dielectric Strength	Between Open Contacts	550VAC, 1min
	Between Coil & Contacts	1,000VAC, 1min
Nominal Coil Power		400mW



ENVIRONMENTAL/OPERATING SPECIFICATION

Operating Temperature		-40°C to +105°C
Humidity		35~95%RH, +40°C
Shock Resistance	Endurance	1,000m/s ²
	Misoperation	1,00m/s ²
Vibration Resistance	Endurance	10~55Hz, 1.5mm double amplitude
	Misoperation	10~55Hz, 1.5mm double amplitude



CERTIFICATION AND STANDARDS

File number	Contact Form	Power Consumption	Coil Voltage	Contact Rating	Remarks
UL E164730	C	0.15W/0.20W/0.36W	3-48VDC	1A 120VAC/24VDC	Ambient Temperature: 85°C
	C			2A 120VAC/24VDC	
	C	0.45W		1A 120VAC/24VDC	
TUV 50097843	C	0.15W/0.20W	3-24VDC	1A 120VAC/24VDC	Ambient Temperature: 70°C
	C	0.40W/0.45W	48VDC		
CQC 13002092811	C	0.15W/0.20W	3-24VDC	1A 120VAC/24VDC	Ambient Temperature: 70°C



TERMINALS

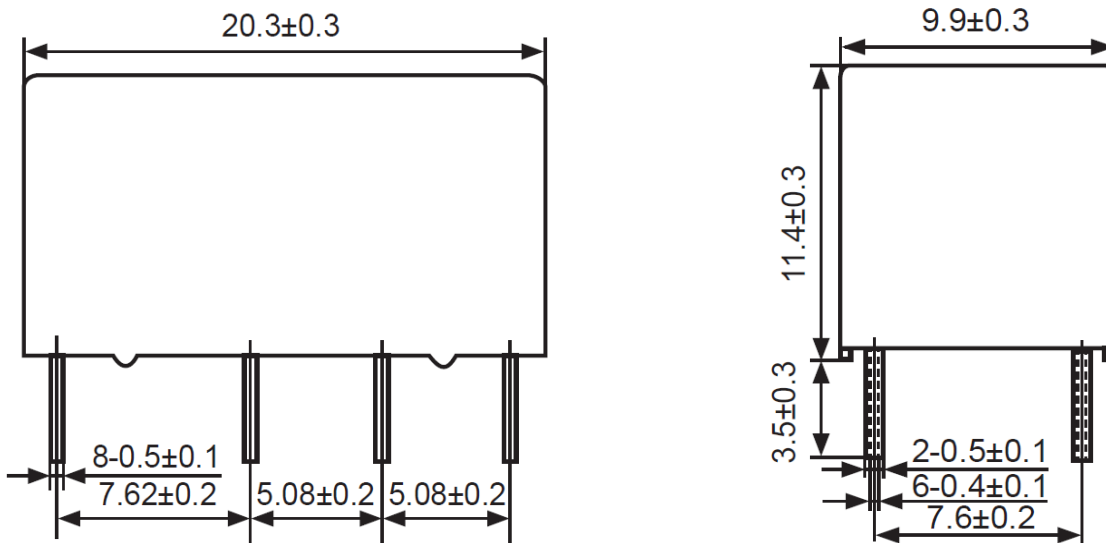
Terminal Type	Solder pins
Terminal Dimensions	See Drawings



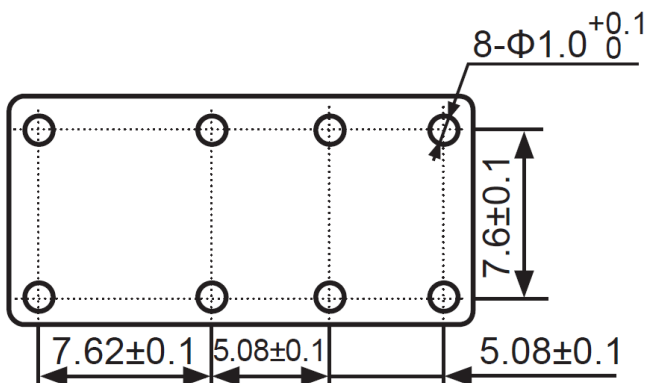
DIMENSIONS/DRAWINGS

Units	mm – unless stated otherwise
Height (excluding pins)	11.4
Width/diameter	9.9
Length/depth	20.3
Weight	Approximately 5.0g

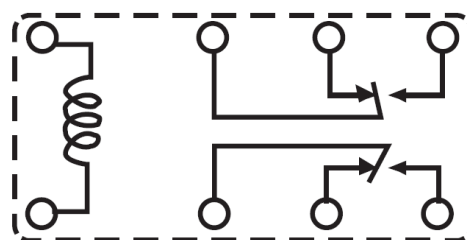
Dimensions



Wiring Diagram



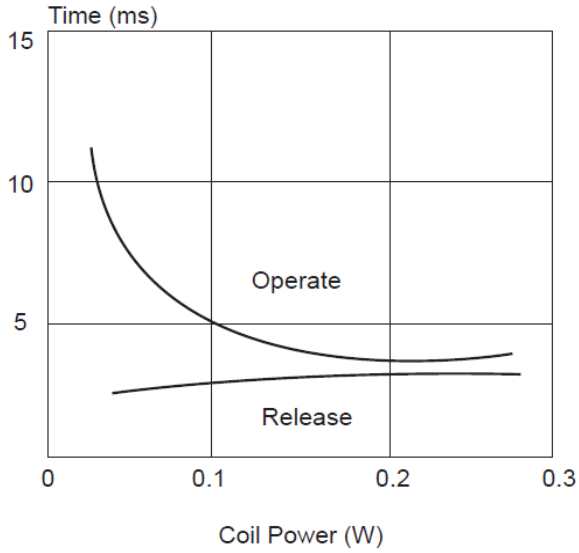
Mounting hole layout



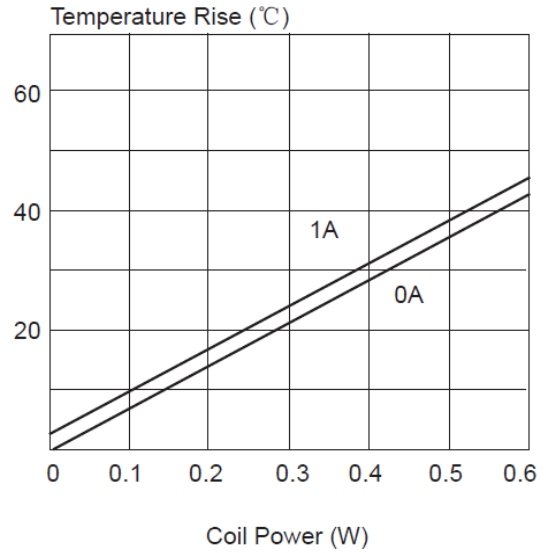


DIMENSIONS/DRAWINGS

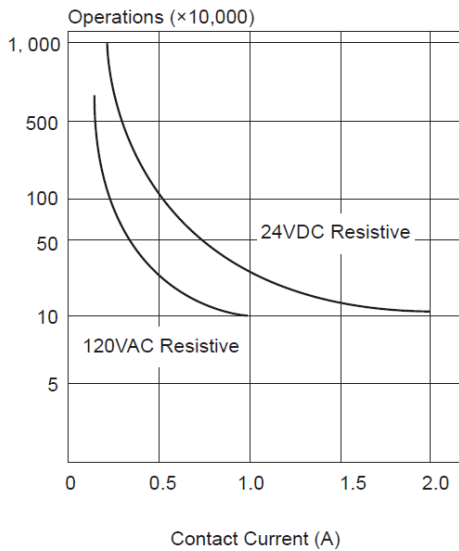
Time Curve



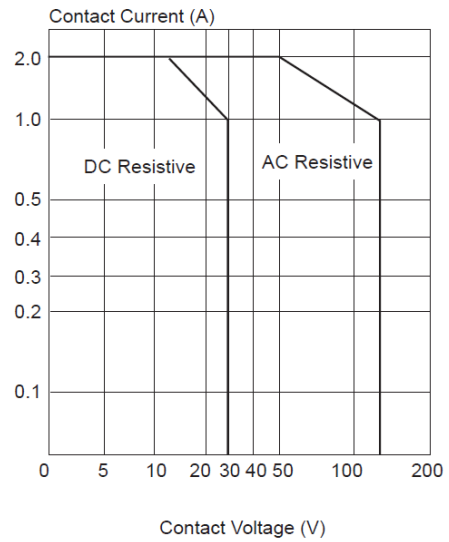
Coil Temperature Rise



Life Curves



Maximum Switching Power





PART NUMBER TABLE

Part number	Coil Power mW	Nominal Voltage VDC	Coil Resistance Ω +/-10%	Operating Voltage \leq VDC	Release Voltage \geq VDC	UNSPSC	EAN
61-6403	400	48	5760	36	4.8	39122325	5053556032839

For further information on pricing, delivery, and long-term stock agreements please get in touch with your local business development contact, telephone our main office on **01206 838000** or email **Sales@Rapidonline.com**.



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