

**RoHS
Compliant**



Features

- Microminiature relay
- Dimensions: 20.4mm × 7mm × 14.9mm
- Slim type, 7mm width
- High mounting density
- High sensitivity 200mW
- Switching capacity : 7A

Specification

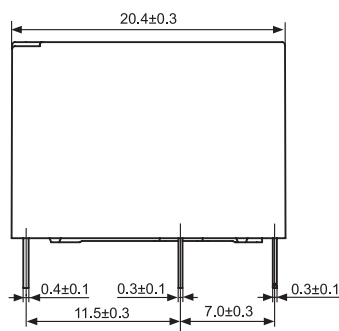
Contact Data		
Contact Form	1 Form A	
Contact Material	Ag Alloy	
Contact Rating	GP:7A 250V AC, 10A 250V AC, TV-5 250V AC	
Contact Resistance	Max. 100mΩ (6V DC 1A)	
Load	Max. Switching Voltage	277V AC/30V DC
	Max. Switching Current	10A
	Max. Switching Power	2500VA, 300W
	Min. Switching Load	5V DC, 100mA
Life	Electrical	30,000 (7A, 3s ON/3s OFF, 85°C) 10,000 (10A, 3s ON/3s OFF, 85°C) 25,000 (TV-5, 40°C)
	Mechanical	10,000,000 operations
Coil Data		
Nominal Coil Power	200mW	
General Data		
Insulation Resistance	Min. 1000MΩ 500V DC	
Dielectric Strength	Between open contacts	1,000V AC, 1min
	Between coil and contacts	4,000V AC, 1min
Operate Time	Max. 10ms	
Release Time	Max. 10ms	
Operating Temperature	-40°C to +85°C	
Humidity	5 to 85%RH, +40°C	
Shock Resistanc	Endurance	1,000m/s ²
	Misoperation	100m/s ²
Vibration Resistance	Endurance	10 to 55Hz, 1.5mm double amplitude
	Misoperation	10 to 55Hz, 1.5mm double amplitude
Weight	Approximately 4g	

Note: Data shown are of initial value

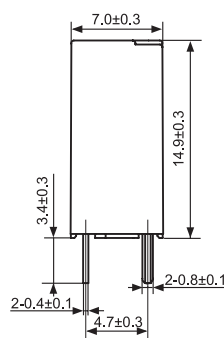
Coil Data

Model	Nominal Voltage V DC	Coil Resistance Ω +/-10%	Operate Voltage \leq V DC	Release Voltage \geq VDC	Coil Power mW
MPAC6T-S-DC5V	5	125	3.75	0.5	200
MPAC6T-S-DC24V	24	2880	18	2.4	

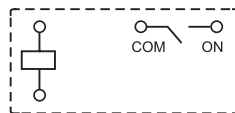
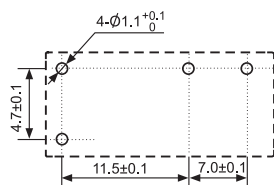
Diagram



Mounting Hole Layout
(Bottom View)



Wiring Diagram
(Bottom View)



Part Number Table

Description	Part Number
Power Relay, PCB Type, NO, 0.2W, 7 Amp, 5V DC	MPAC6T-S-DC5V
Power Relay, PCB Type, NO, 0.2W, 7 Amp, 24V DC	MPAC6T-S-DC24V

Dimensions : Millimetres

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