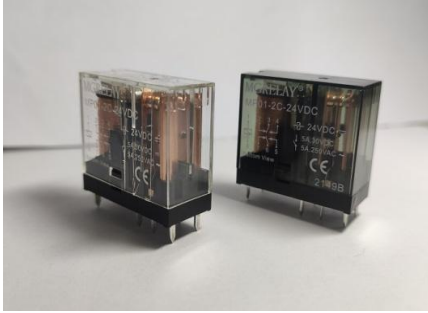


>>>Miniature power relay(MP01)



Features③:

- >PCB terminal
- >Standard capacity 5A relay
- >2 pole NO/NC (normally open/normally closed)
- >8mm creepage distance, 5000V resistance between coil contacts
- >Safety design of 10000V impulse voltage resistance between coil contacts
- >Low power consumption 0.5 W
- >Green product RoHS and REACH

Order mark example

	MP01	-2C	-24VDC
Series:MP01			
Contact form 2C:DPDT			
Coil voltage 5VDC、6VDC、12VDC、24VDC、36VDC、48VDC、110VDC			

>Coil parameter

Contact	Contact Form		2C
	load	Resistive load	5A@30VDC;5A@250VAC
		Motor load	3A,30VDC,L/R=7ms 2A,250V,cosΦ=0.4
	Max. Switching Power		150W,1250VA
	Max.Switching Voltage		5A
	Contact Resistance (Initial)		≤50mΩ
	Contact Material		AgNi
	Electrical Endurance		10,0000 ops
Mechanical Endurance		2000,0000 ops	
Operate voltage (23℃)			DC: ≤70%(The rated voltage)
Release voltage (23℃)			DC: ≥15%(The rated voltage)
MAX.voltage 23℃)			170% (The rated voltage)
Insulation resistance			1000MΩ @500VDC
Rated coil power	DC(W)	0.53W	
Operate time(The rated voltage)			≤15ms
Release time(The rated voltage)			≤5ms
Dielectric strength	Between open contact		1000VAC,1Min (Leakage current 1mA)
	Between different pole		3000VAC,1Min (Leakage current 1mA)
	Between contact and coil		5000VAC,1Min (Leakage current 1mA)
Ambient temperature			\$-40℃~+70℃ (AC/DC) (No icing, no condensation)
Ambient Humidity			5%RH~85%RH
Stability of shock resistance			100m/s ²
Shock strength			1000m/s ²
Resistance to vibration			10Hz~55Hz, Double amplitude 1.5mm
volume			29mm×12.7mm×25.5mm

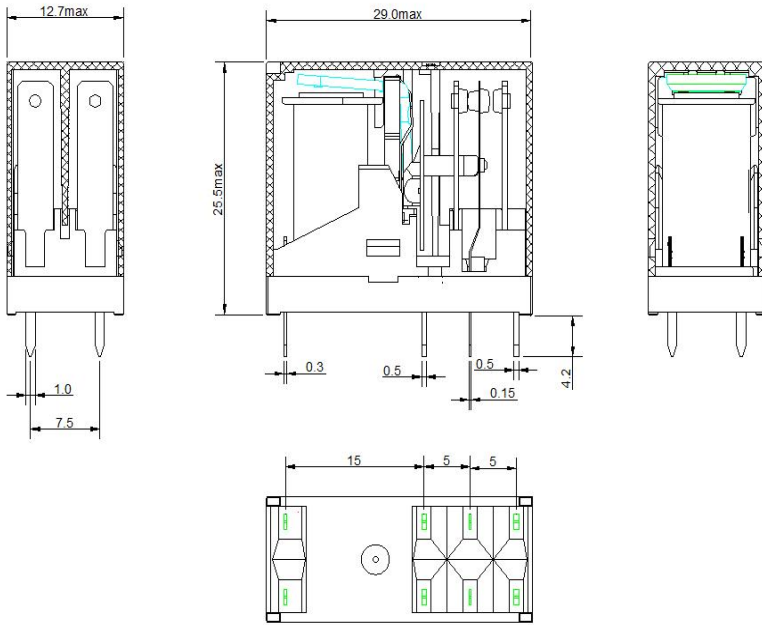
Weight	17g
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> Coil Rating (The environment temperature+ 23℃)

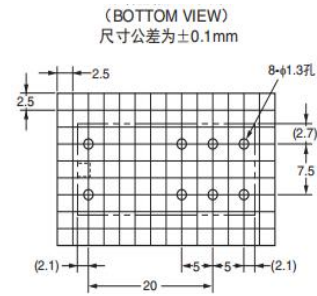
Rated voltage (V)	Operate voltage (V)	Release voltage (V)	MAX.voltage(V)	Coil resistance(Ω)±10%
5VDC	≤70%	≥15%	170%	47
6VDC				68
12VDC				275
24VDC				1100
24VDC				2440
48VDC				4300
110VDC				22860

Note: The maximum voltage is the maximum that the relay can withstand in a short period of time.

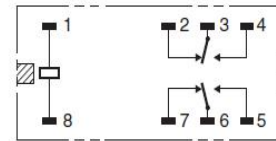
>Overall dimensione (mm) & Wiring diagrams



processing dimensions



Wiring diagrams



(无线圈极性)