

1.Characteristic:

- (1)Small Size Light Weight
- (2)Low Coil Power Consumption
- (3)Self-Locking Motor Load Current Up to 25A
- (4)High Performance PCB Relays.
- (5)For household Appliances, Automation Systems, Automotive Intelligent Systems.



2.Main Technical Parameter:

Contact Type	1C
Contact Material	AgSO ₂
Contact Resistance	250mΩ
6VDC 1A	
Rated Load	25A 14VDC(Self-locking motor)
Maximum Switching Current	30A
maximum Switching Voltage	48VDC
maximum Switching Power	480W
Mechanical life	1×10 ⁶
Electrical life	1×10 ⁵
Pick-up Time	≤10ms
Release Time	≤5ms
Coil Power	DC:0.64W,0.8W
insulation (Coil & Contacts)	1000VAC (1min)
insulation (between Contacts)	500VAC (1min)
Insulation Resistance	Min100MΩ (500VDC)
Ambient Temperature	-40°C ~ + 105°C
Shock Strength	1000m/S ²
Shock Stability	98m/S ²
Humidity	85%RH
Terminal type	PCB
Weight	4.1g

3.Sample Order:

WL8N	—	S	—	1	—	12	—	D
1		2		3		4		5

(1)Relay Type : WL8N , WL8NW

(2)Sealed Type:F-Dust Cover ,S-Sealed

(3)Number of poles:1-1 pole, 2-2 poles.

(4)Coil Voltage:05-5VDC,06-6VDC,12-12VDC

(5)Coil Power:D-0.64W,H-0.8W

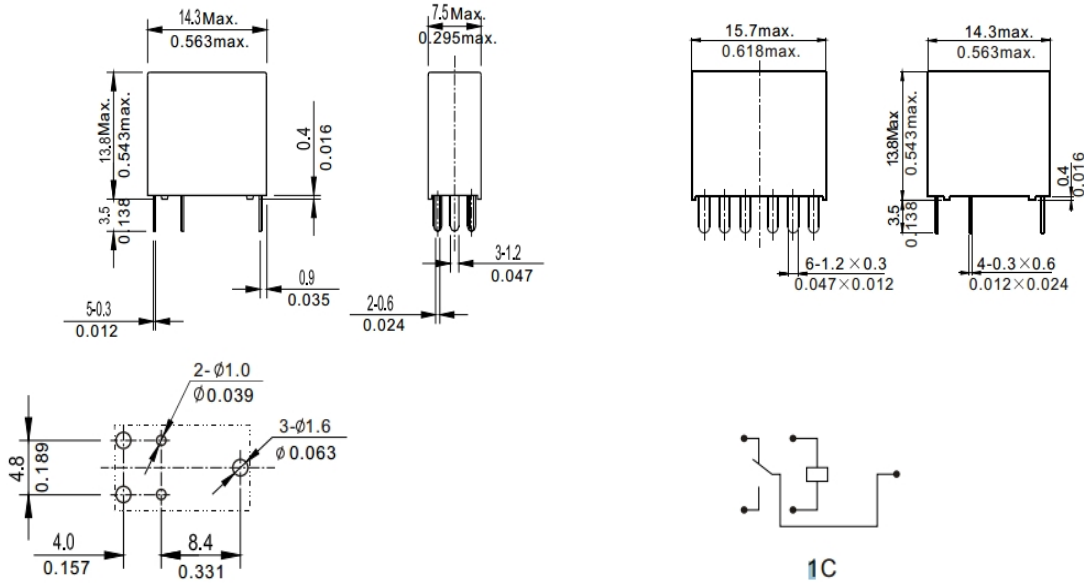
4. Coil Parameters (at 20° C) :

Coil Voltage	Rated voltage	Coil resistance	Max.Pull-in voltage	lin.Release voltage	Coil Power
	VDC	$\Omega \pm 10\%$	VDC	VDC	W
DC12V	12	225	7.8	0.6	0.64
DC12V	12	180	7.8	0.6	0.8

5. Shape and Mounting Drawing:

Dimensions

mm /inch



NOTES 1).Dimensions are in millimeters.

2).Inch equivalents are given for general information only.