WEIQI RELAYS

1.Characteristic:

(1)Small Size Light Weight

(2)Low Coil Power

(3)On-off Capacity up to 16A

(4)High Performance PCB Relays

(5)For Household Appliances, Automation Systems, Instrument Table, Receiver, Audio Equipment etc.

2.MainTechnical Parameter:

Contact Type	1A、1C
Contact Material	$AgSnO_2$ AgCdO
Contact Resistance 6VDC 1A	50mΩ
Rated Load	1A:16A 250VAC 16A 30VDC 1C:NO:16A /250VAC,30VDC NC:10A /250VAC,30VDC
Maximum Switching Currrent	16A
Maximum Switching Voltage	110VDC 380VAC
Maximum Switching Power	480W 4000VA
Mechnical life	1×10^7
Electrical life	1×10^5
Action Time	≤10ms
Recovery Time	≤5ms
Coil Power	DC:0.2W,0.45W
Contact and Coil withstand voltage	1500VAC (1min)
Contact Voltage	750VAC (1min)
Insulation Resistance	Min100MΩ (500VDC)
Ambient Temperature	-40°C ~ +70°C
Impact Strength	1000m/S2
Impact Stability	100M/S2
Humidity	85%RH
Mounting Method	PCB
Weight	10g

3.Sample Order :

WL76	—	S	—	1	12	D	M
1		2		3	4	5	6

(1)Relay Type：WL76

(2)Sealed Type :F-Dustproof ,S-Test Type

(3)Number of Relay Contacts:1-1set of contact,2-2sets of contacts

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

(5)Coil Power:D-0.2W, H-0.45W

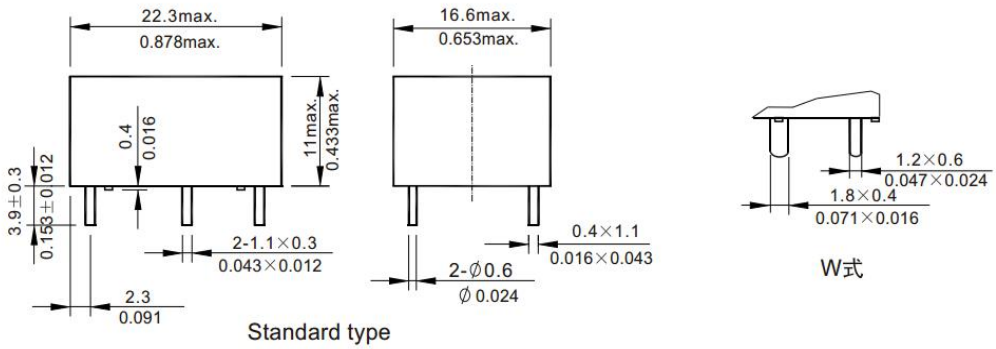
(6)Contact Form: M-Normally Open contact,No-Transformation,B-Normally closed

4.Coil parameter (at 20°C) :

Model Specification	Rated voltage VDC	Coil resistance Ω±10%	Max.Pull-in voltage VDC	min.Release voltage VDC	Coil Power W
DC5V	5	125	3.75	0.25	0.2W
DC6V	6	180	4.5	0.3	
DC9V	9	405	6.75	0.45	
DC12V	12	720	9.0	0.6	
DC18V	18	1620	13.5	0.9	
DC24V	24	2880	18.0	1.2	
DC48V	48	9216	38.4	2.4	0.25W
DC5V	5	56	3.75	0.25	0.45
DC6V	6	80	4.5	0.3	
DC9V	9	180	6.75	0.45	
DC12V	12	320	9.0	0.6	
DC18V	18	720	13.5	0.9	
DC24V	24	1280	18.0	1.2	
DC48V	48	5120	38.4	2.4	

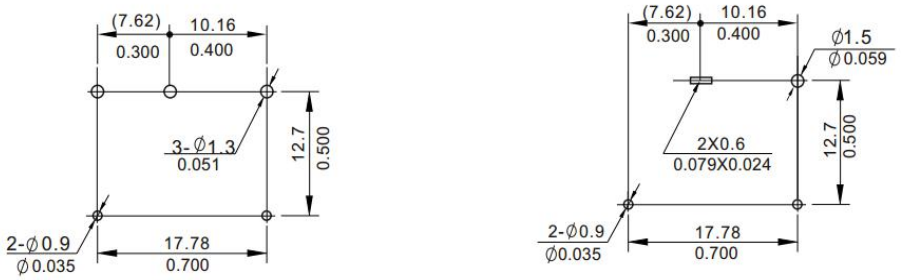
5.Shape and Mounting Drawing:

Dimensions **mm /inch**



Standard type

Dimensions



Mounting (Bottom view)

Standard type

W type

Wiring diagram(Bottom view)

NOTES 1).Dimensions are in millimeters.
2).Inch equivalents are given for general information only.