

Features

- 3A switching capability
- Standard PCB layout
- High sensitive:200mW
- High reliability contact
- Outline Dimensions:  
(15.5×11×11.5) mm

CONTACT DATA

Contact arrangement	1A or 1C
Contact Resistance	100mΩ (6Vdc 100mA)
Contact material	Silver alloy
Contact rating(Res. load)	3A 120VAC
Max. switching voltage	125VAC/30VDC
Max. switching current	3A
Max. switching power	375VA/30W
Mechanical endurance	10,000,000 ops
Electrical endurance	100,000 ops

CHARACTERISTICS

Insulation resistance		100MΩ (500VDC)
Dielectric strength	Between coil & contacts	750VAC 1min
	Between open contact	500VAC 1min
Operate time(at nomi. ovlt)		≤10ms
Release time(at nomi. ovlt)		≤5ms
Vibration resistance	Functionna	10Hz~55Hz 1.5mm
	Destructive	10Hz~55Hz 1.5mm
Shock resistance	Functionna	10G Min.
	Destructive	100G Min.
Humidity		5%~85% Rh
Ambient temperature		-40℃~70℃
Termination		PCB
Unit weight		Approx 3.5g

COIL

Coil power	0.2W or 0.36 or 0.45
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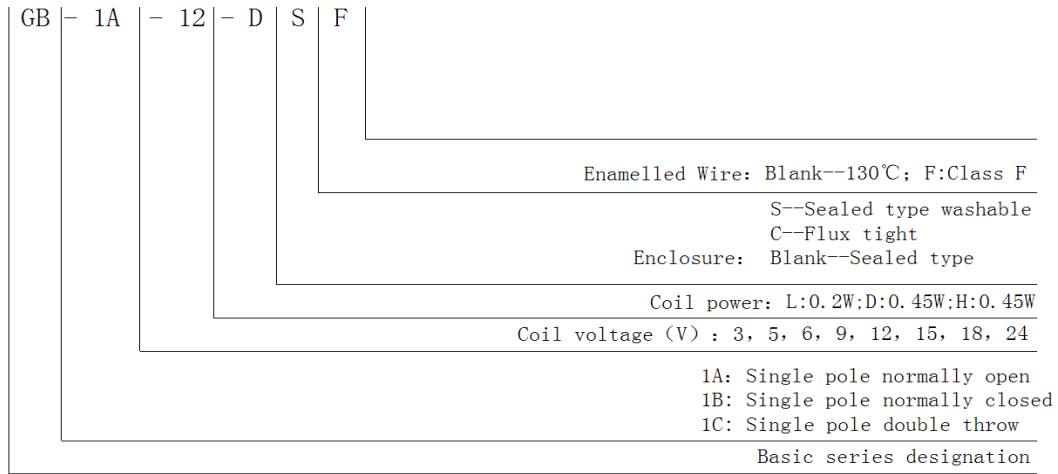
COIL DATE(AT 23℃)

Nominal voltage (VDC)	Nominal operating current %10(mA)	coil resistance 10%(Ω)	max allowable voltage	pick-up voltage (max)	Drop-out voltage (min)	Nominal operating power(W)
3	66.6	45	130% of nominal voltage	75% of nominal voltage	5% of nominal voltage	About 0.2
5	40	125				
6	33.3	180				
9	22.2	400				
12	16.6	720				
24	8.3	2800	130% of nominal voltage	75% of nominal voltage	5% of nominal voltage	About 0.36
3	120	25				
5	71.4	70				
6	60	100				
9	40.9	220				
12	30	400	130% of nominal voltage	75% of nominal voltage	5% of nominal voltage	About 0.45
24	11.25	1600				
3	150	20				
5	90	56				
6	90	80				
9	50	180	130% of nominal voltage	75% of nominal voltage	5% of nominal voltage	About 0.45
12	37.5	320				
24	18.75	1280				

Safety Approval Ratings

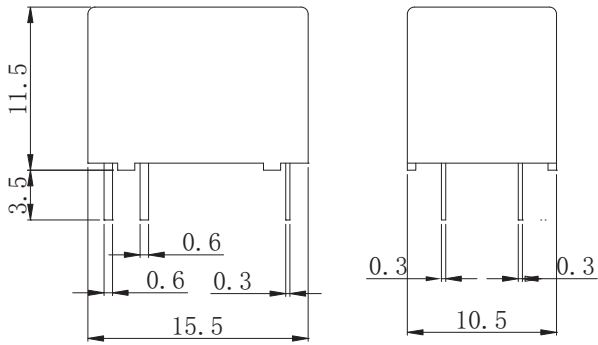
Approval	CQC	TUV	UL
File No.			E321783
Approval ratings			1A 30VDC 3A 30VDC

GB ORDERING INFORMATION

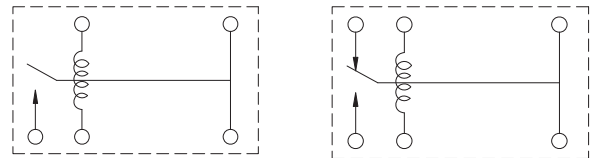


OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT

Outline Dimensions



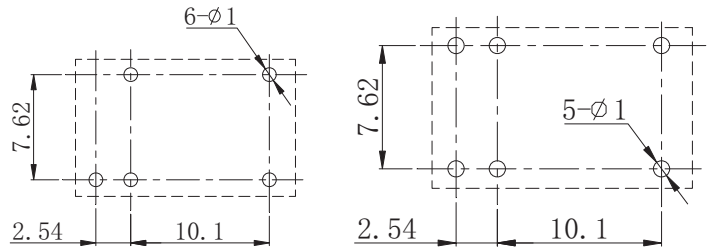
Wiring Diagram(Bottom view)



1A

1C

PCB Layout(Bottom view)



1A

1C

Outline dimensions hadn't specified tolerance <sup>ρ</sup>	
Outline Dimensions <sup>ρ</sup>	Tolerance <sup>ρ</sup>
≤1 <sup>ρ</sup>	±0.2 <sup>ρ</sup>
>1~5 <sup>ρ</sup>	±0.3 <sup>ρ</sup>
>5 <sup>ρ</sup>	±0.4 <sup>ρ</sup>

TOLERANCE: ±0.1mm

CHARACTERISTIC CURVES

