

**FEATURES**

- 20A switching capability
- 1 Form A , 1 Form B and 1 Form C configurations
- 0.5KV Dielectric strength between coil and contacts

**CONTACT DATA**

Contact arrangement	1A、1B、1C
Contact resistance	100mΩ (at 1A 6VDC)
Contact rating - AC	1A: 5A/ 48VAC 1B: 5A/ 48VAC 1C: NO: 5A/ 48VAC NC: 5A/ 48VAC
Contact rating - DC	1A: 20A/14VDC 1B: 20A/14VDC 1C: NO: 20A/28VDC NC: 20A/28VDC
Contact material	Silver Alloy

**CHARACTERISTICS**

Insulation resistance	100MΩ 500VDC
Dielectric strength	Between Coil & contact: 500VAC,1min Between open contact: 500VAC,1min
Operate time	10 ms
Release time	5 ms
Vibration resistance	10-55Hz, DA 1.5mm
Shock resistance	Functional 98m/s <sup>2</sup> ; Destructive 980m/s <sup>2</sup>
Humidity	35% ~ 85%RH
Ambient Temp.	-40℃ ~ +85℃
Electrical life	1×10 <sup>5</sup> ops
Mechanical life	1×10 <sup>7</sup> ops

**COIL DATA**

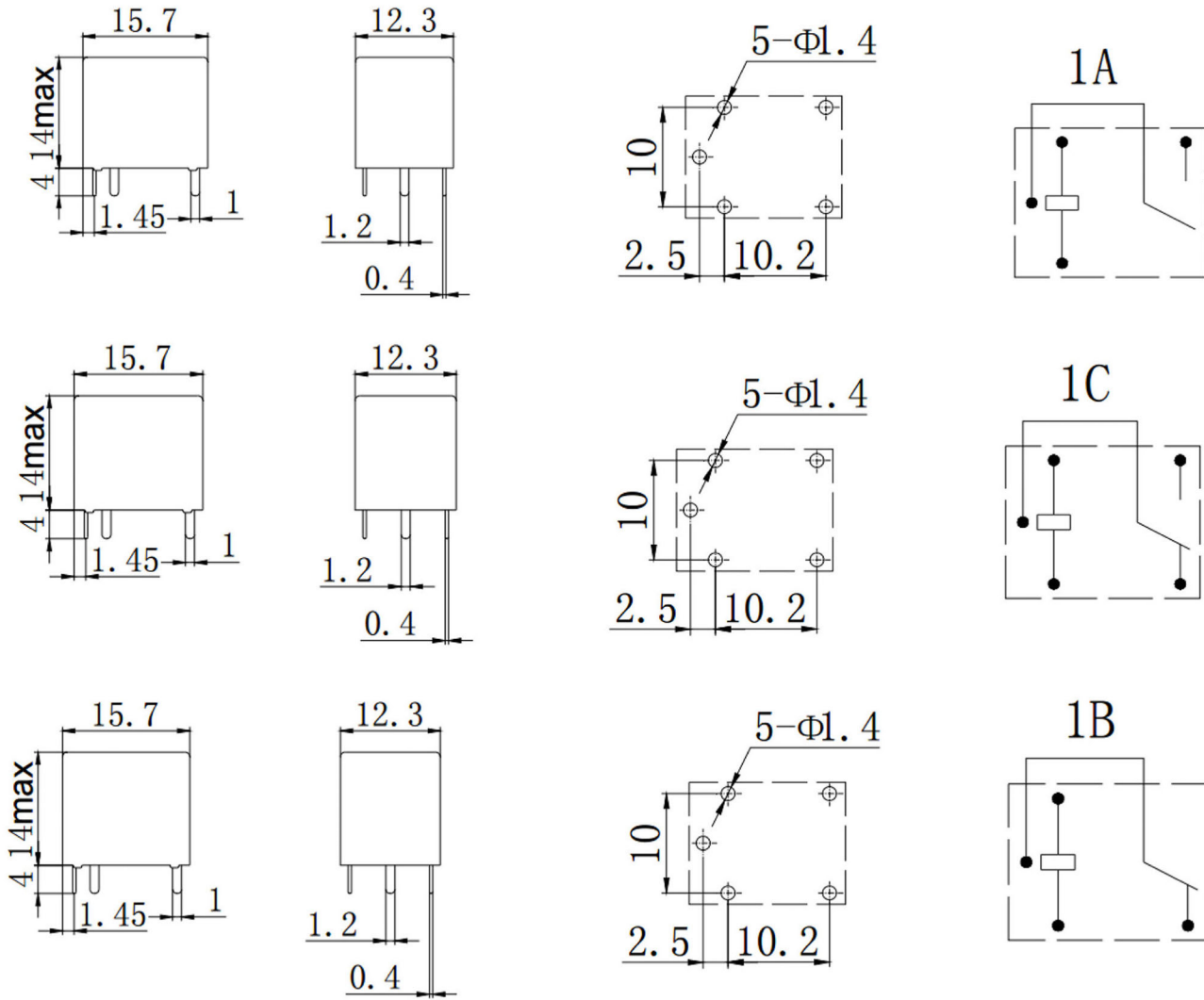
Rated voltage (VDC)	Pick-up Voltage VDC (Max.)	Drop-out Voltage VDC (Min.)	Rated Current (mA±10%)	Coil resistance (Ω ±10%)	Power (mW)
3	2.25	0.3	200	15	600
5	3.75	0.5	120	42	600
6	4.5	0.6	100	60	600
9	6.75	0.9	66.6	135	600
12	9	1.2	50	240	600
18	13.5	1.8	33.3	540	600
24	18	2.4	25	960	600
36	27	3.6	16.6	2160	600
48	36	4.8	12.5	3840	600

Notes: 1) All values unspecified are at room temperature.

2) Only typical loads are listed above. Other load specifications can be available upon request.

3) For sealed type, the vent-hole cover should be excised.

**OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT (Unit: mm)**



Remark:1) In case of no tolerance shown in outline dimension: outline dimension  $\leq 1\text{mm}$ , tolerance should be  $\pm 0.2\text{mm}$ ; outline dimension  $> 1\text{mm}$  and  $\leq 5\text{mm}$ , Tolerance should be  $\pm 0.3\text{mm}$ ; outline dimension  $> 5\text{mm}$ , tolerance should be  $\pm 0.4\text{mm}$ .

2) The tolerance without indicating for PCB layout is always  $\pm 0.1\text{mm}$