

26.2×21.0×21.5



- 40A continuous rating 85°C
- PC board terminals
- Inrush current 100A
- Open & sealed version available
- Conform to ROHS,ELV directive

## CONTACT DATA

Contact Form	1H/1Z
Contact Material	Silver Alloy
Load	Resistive load(COS Φ=1)
Contact Ratings	NO: 40A 14VDC NC: 30A 14VDC
Max Switching Voltage	60VDC
Max Switching Current	40A
Max Switching Power	560W
Contact Resistance	100mΩ Max at 6VDC 1A
Electrical	100,000 Operations(at30Operations/minute)
Mechanical	10,000,000 Operations(at300Operations/minute)

## CHARACTERISTICS DATA

Insulation Resistance	100MΩ Min at 500VDC
Between Open Contacts	500VAC(for one minute)
Between Contacts and Coil	500VAC(for one minute)
Operate Time	< 5ms
Release Time	< 4ms
Temperature Range	-40°C to +85°C
Shock Resistance	Operating Extremes: 20G
	Damage Limits: 100G
Vibration Resistance	10-55Hz, 1.5mm
Max. switching frequency	Mechanical: 18,000operations/hr Electrical: 1,800operations/hr
Humidity	40-85%
Weight	Approx 21g

## COIL DATA

at 20°C

Coil Power 1.6W

Nominal Voltage (VDC)	Rated Current (mA)	Max Operate Voltage (VDC)	Min Release Voltage (VDC)	Coil Resistance (Ω ±10%)
3	533	1.95	0.3	6
5	320	3.25	0.5	16
6	267	3.9	0.6	23
9	178	5.85	0.9	50
12	133	7.8	1.2	90
24	67	15.6	2.4	360

Coil Power 1.9W

Nominal Voltage (VDC)	Rated Current (mA)	Max Operate Voltage (VDC)	Min Release Voltage (VDC)	Coil Resistance (Ω ±10%)
3	633	1.95	0.3	5
5	380	3.25	0.5	13
6	317	3.9	0.6	19
9	211	5.85	0.9	43
12	158	7.8	1.2	76
24	79	15.6	2.4	300

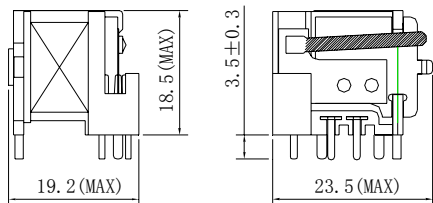
## ORDERING CODE

<b>FLKP</b> <u>L</u> — <u>S</u> — <u>Z</u> <u>1</u> / 12VDC 1 2 3 4 5 6					
1. Relay Model					
2. Coil Power D=1.9W, L=1.6W					
3. Sealed Nil: open type					
4. Contact Form Z: Form C, H: Form A					
5. 1: USA type 2. EUROPE type					
6. Coil Nominal Voltage 3,5,6,9,12,24VDC					

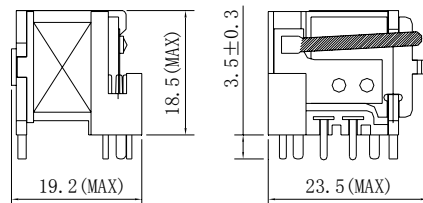


**OUTLINE DIMENSIONS, WIRING DIAGRAM AND LAYOUT**

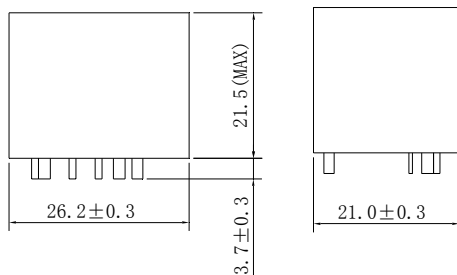
**U. S. A open type**



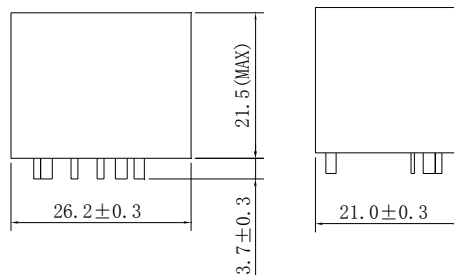
**EUROPE open type**



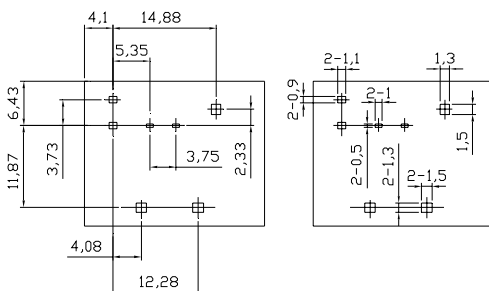
**U. S. A sealed type**



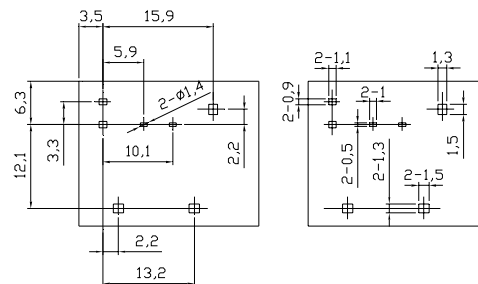
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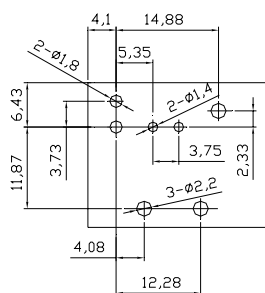
**U. S. A**



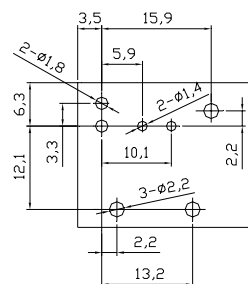
**EUROPE**



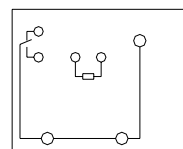
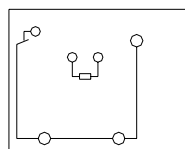
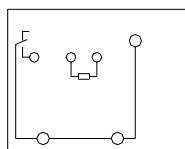
**U. S. A ( PCB layout )**



**EUROPE ( PCB layout )**



**U. S. A And EUROPE**

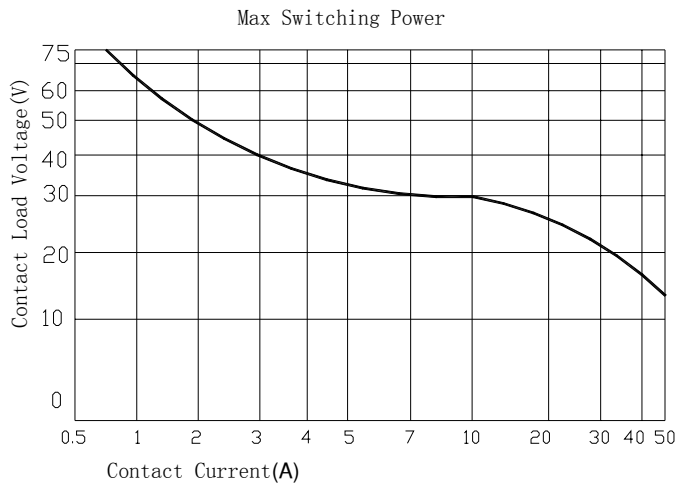
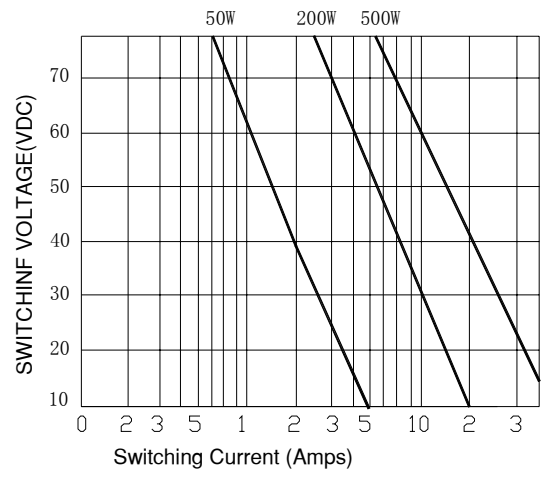
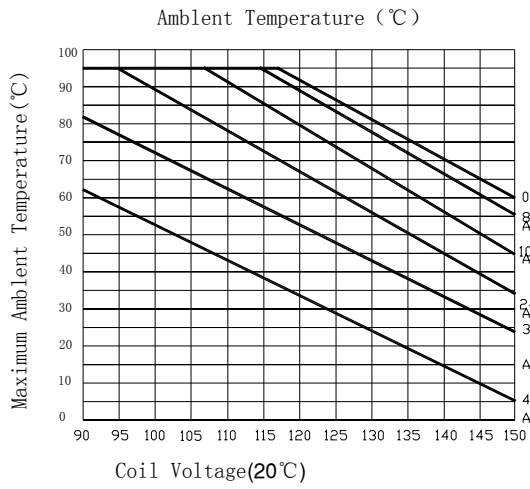


**Form A**

**Form B**

**Form C**

**ENGINEERING DATA**



**FLOURISHING RELAY**

The specifications are for the customer's reference and are subject to change without notice.