

19.2×15.5×15.5



- 15A switching capability
- Small footprint
- Sealed type available
- Conform to RoHS,ELV directive

CONTACT DATA

Contact Form	1H/1Z
Contact Material	Silver Alloy
Load	Resistive load(COS Φ=1)
Contact Ratings	1H: 20A 14VDC 1Z: 15A 14VDC
Max Switching Voltage	16VDC
Max Switching Current	20A
Max Switching Power	280W
Contact Resistance	100mΩ Max at 6VDC 1A
Electrical	100,000 Operations(at300Operations/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	1500VAC(for one minute)
Operate Time	15ms
Release Time	10ms
Temperature Range	-40℃to+85℃
Shock Resistance	Operating Extremes: 10G
	Damage Limits: 100G
Vibration Resistance	10-55Hz, 1.5mm
Max. switching frequency	Mechanical: 18,000 operations/hr
	Electrical: 1,800 operations/hr
Humidity	40-85%
Weight	Approx 10g

COIL DATA

at 20℃

Coil Power 0.64W

Nominal Voltage (VDC)	Rated Current (mA)	Max Operate Voltage (VDC)	Min Release Voltage (VDC)	Coil Resistance (Ω ±10%)
9	71.4	5.85	0.45	126
12	53.3	7.8	0.6	225
24	26.7	15.6	1.2	900

Coil Power 0.8W

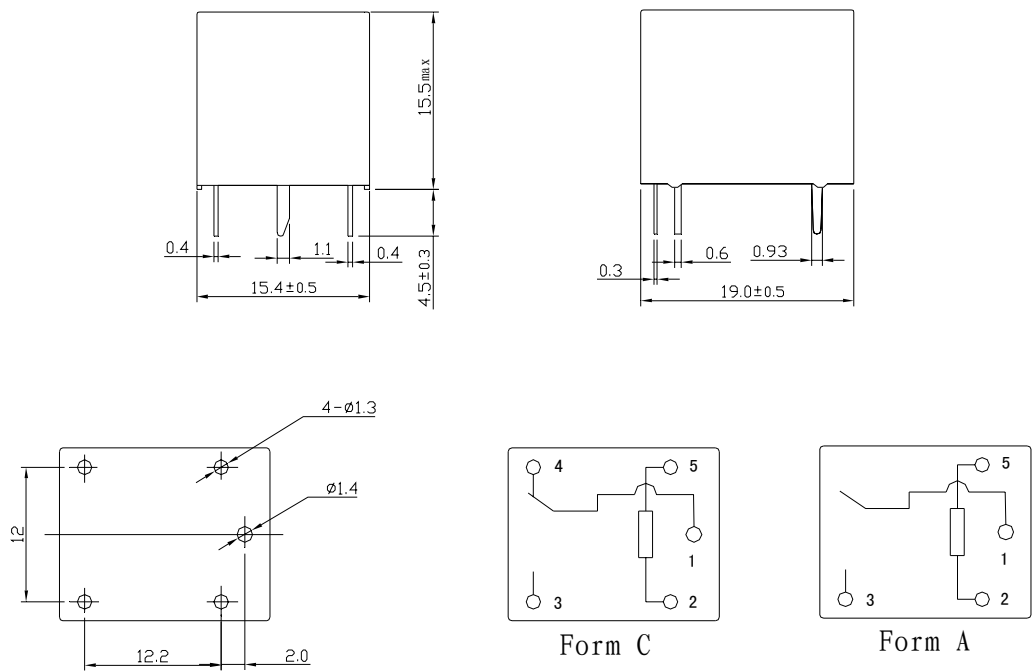
Nominal Voltage (VDC)	Rated Current (mA)	Max Operate Voltage (VDC)	Min Release Voltage (VDC)	Coil Resistance (Ω ±10%)
6	133.3	3.9	0.3	45
12	66.6	7.8	0.6	180
24	33.3	15.6	1.2	720

ORDERING CODE

FLKF <u>D</u> — <u>S</u> — <u>Z</u> / 12VDC				
1	2	3	4	5
1. Relay Model				
2. Coil Power D=0.8W; L=0.64W				
3. Sealed				
4. Contact Form Z: Form C H: Form A				
5. Coil Nominal Voltage 6,9,12,24VDC				

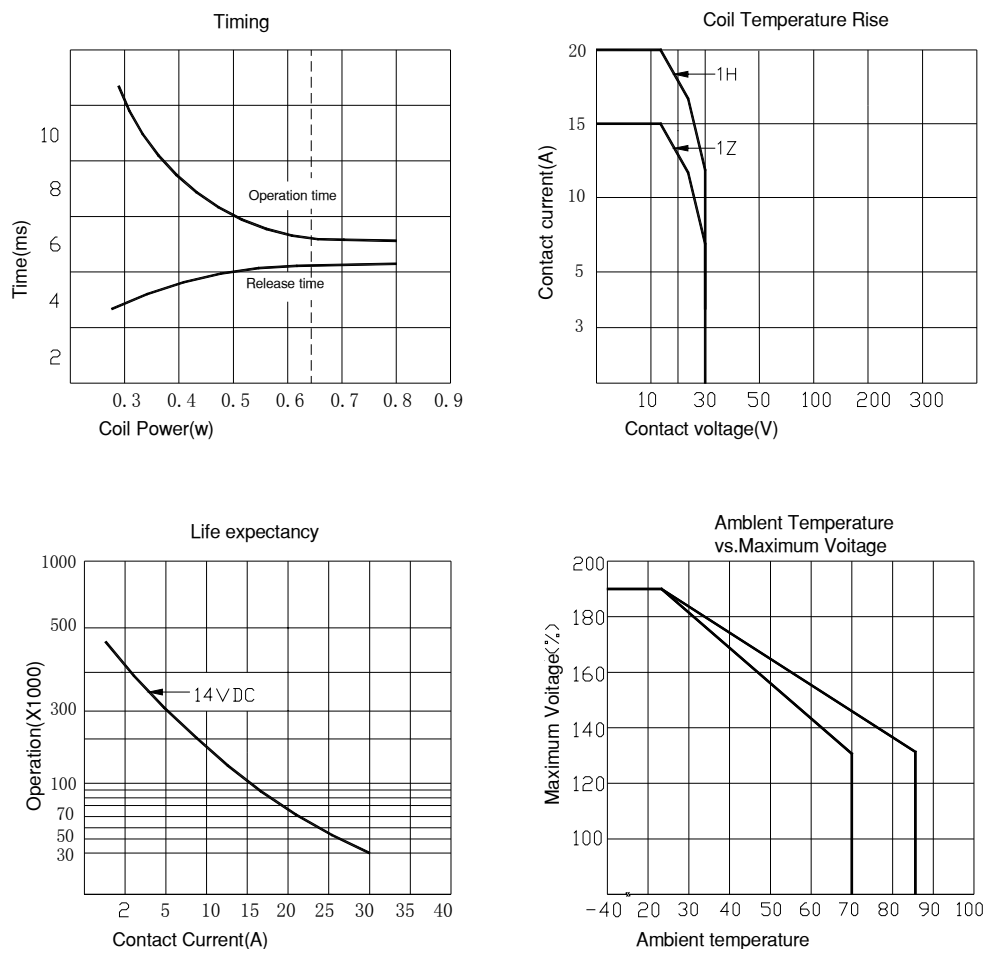


OUTLINE DIMENSIONS, WIRING DIAGRAM AND LAYOUT



Layout (Bottom View)

ENGINEERING DATA



FLOURISHING RELAY

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