

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



ORDERING CODE

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

COIL DATA (at 20°C)

Nominal Voltage(VDC)	6	9	12	24	0.64W
Coil Resistance($\Omega \pm 10\%$)	/	126	225	900	
Rated Current(mA)	/	71.4	53.3	26.7	
Max Operate Voltage (VDC)	/	5.85	7.8	15.6	
Min Release Voltage(VDC)	/	0.45	0.6	1.2	
Coil Resistance($\Omega \pm 10\%$)	45	/	180	720	0.8W
Rated Current(mA)	133.3	/	66.6	33.3	
Max Operate Voltage (VDC)	3.9	/	7.8	15.6	
Min Release Voltage(VDC)	0.3	/	0.6	1.2	
Max Applicable Voltage	70°C 130%, 23°C 170%				

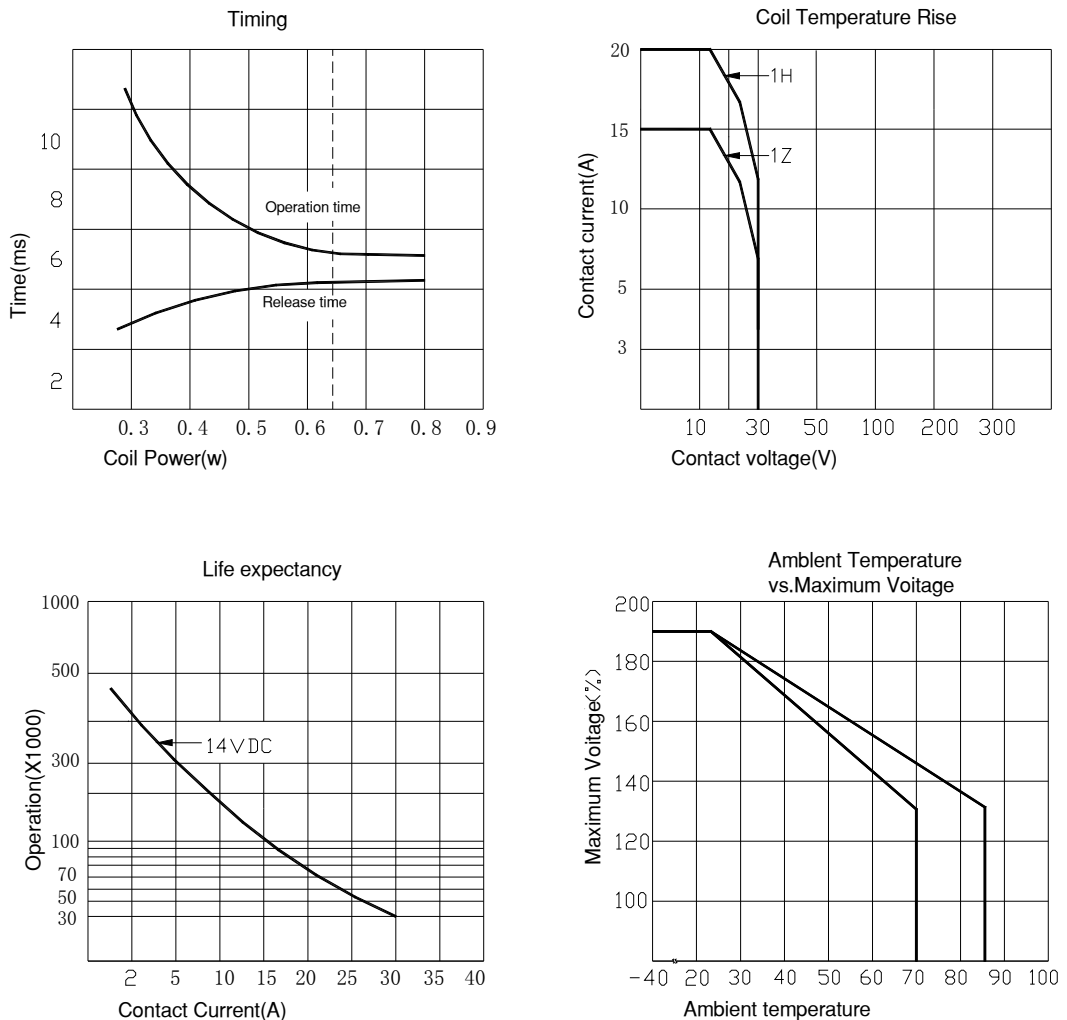
CONTACT DATA

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	100m Ω Max at 6VDC 1A
Life Expectancy	Electrical : 100,000 Operations(at30Operations/minute)
	Mechanical: 10,000,000 Operations(at300Operations/minute)

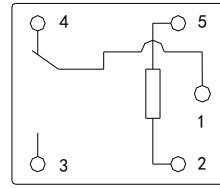
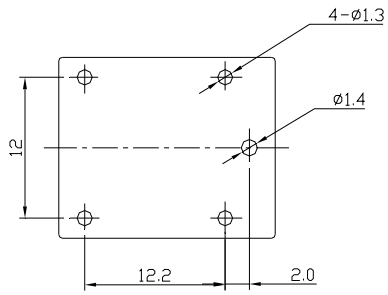
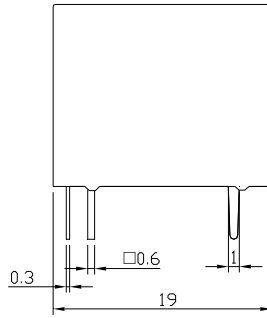
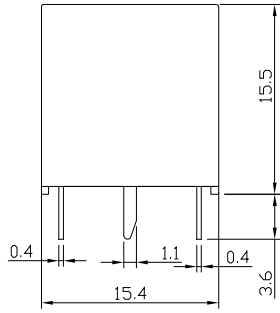
■ CHARACTERISTICS DATA

Insulation Resistance	100M Ω Min at 500VDC
Dielectric Strength Between Open Contacts	500VAC(for one minute)
Between Contacts and coil	1500VAC(for one minute)
Operate Time	15ms
Release Time	10ms
Temperature Range	-40°C to +85°C
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

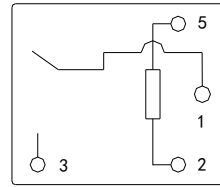
■ ENGINEERING DATA



■ OVERALL AND MOUNTING DIMENSIONS



Form C



Form A