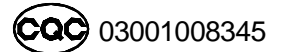


- 15A switching capability
- Small footprint
- Sealed type available
- Conform to RoHS,ELV directive



19.2×15.5×15.5

ORDERING CODE

TRKF	D	S	Z	/ 12VDC
1	2	3	4	5
1. Relay Model				5. Coil Nominal Voltage
2. Coil Power D=0.8W, L=0.64W				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	130%, 23	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)

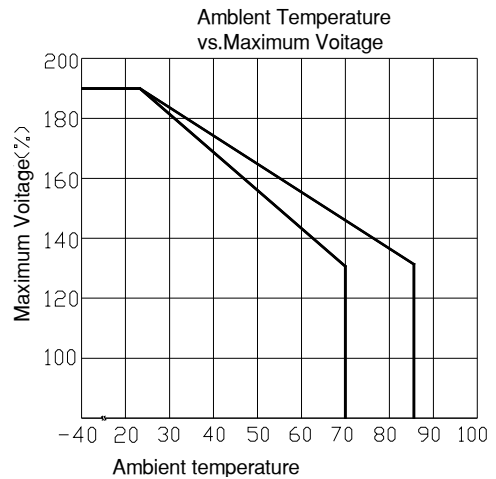
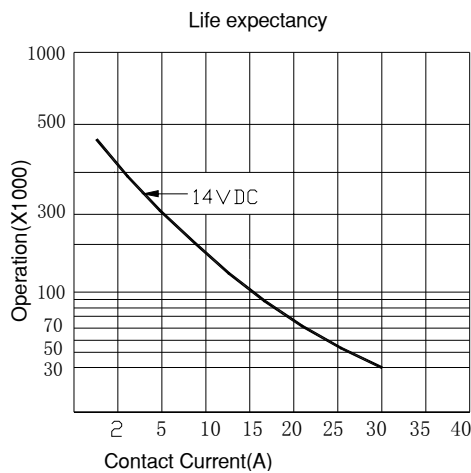
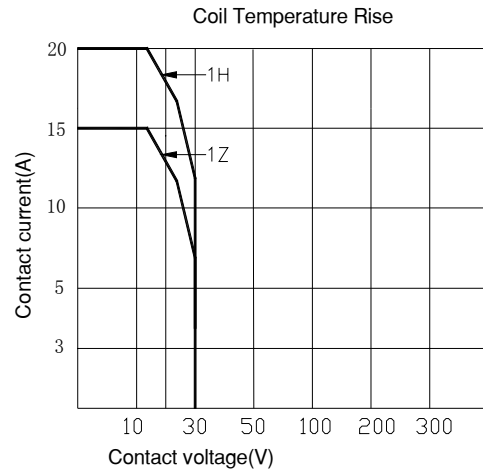
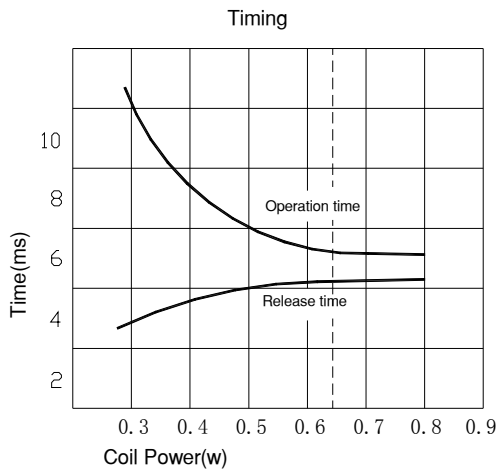
■ CHARACTERISTICS DATA

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
Safety Standard	CQC

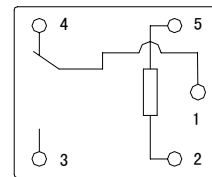
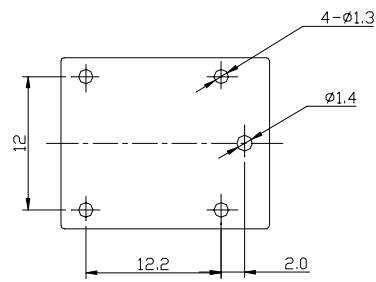
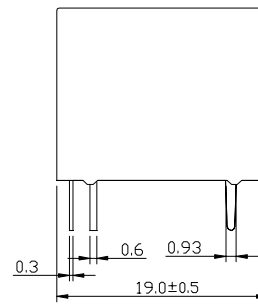
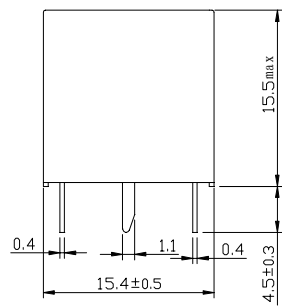
■ APPROVED STANDARDS

Model()	Coiling rating	Safety Standard	Contact rating
TRKF	6 to 24VDC	CQC	15A 14VDC

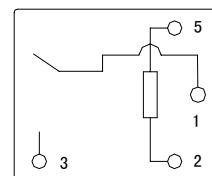
■ ENGINEERING DATA



■ OVERALL AND MOUNTING DIMENSIONS



Form C



Form A