

# PRODUCT SPECIFICATION



## PCB JQC-T73

- 10A switching capability
- Small footprint
- Sealed type available
- Class B/F available
- Conform to RoHS,ELV directive
- Size : 19.2X15.4X15.4mm

## ORDERING CODE

JQC - 3FF - S - H 1            2 3	
1. Relay Model JQC-T73 2. S: sealed	3. Z: Form C H: Form A D: Form B

## COIL DATA (at 20 °C)

Nominal Voltage (VDC)	3	5	6	9	12	18	24	48	0.36W
Coil Resistance ( $\Omega \pm 10\%$ )	25	69	100	225	400	900	1600	6400	
Rated Current (mA)	120	71.4	60	40	30	20	15	7.5	
Max Operate Voltage (VDC)	2.25	3.75	4.5	6.75	9	13.5	18	36	
Min Release Voltage (VDC)	0.15	0.25	0.3	0.45	0.6	0.9	1.2	2.4	
Max Applicable Voltage	130% of nominal voltage at 70 °C    170% of nominal voltage at 23 °C								

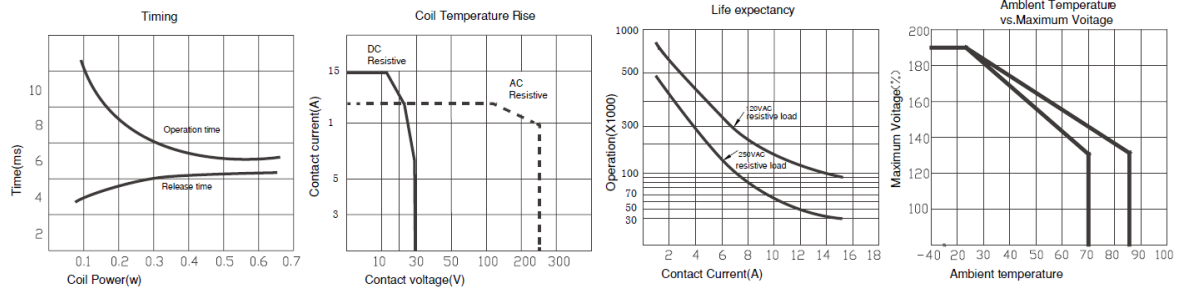
## CONTACT DATA

Contact Form	1H/1Z
Contact Material	Silver Alloy
Load	Resistive load (COS $\Phi$ = 1)
Contact Ratings	10A 250vac 15A 125vac 10A 28vdc
Minimum load	100mA 5VDC
Max Switching Voltage	250VAC/30VDC
Max Switching Current	15A
Max Switching Power	2770VA/240W
Contact Resistance	100m $\Omega$ max    at 6VDC 1A
Life Expectancy	Electrical : 100,000 Operations(at30Operations/minute)
	Mechanical : 10,000,000 Operations(at300Operations/minute)

## CHARACTERISTICS DATA

Insulation Resistance	100MΩ in at 500VDC
Dielectric Strength Between Open Contacts	750VAC(50/60Hz for one minute)
Between Contacts and coil	1500VAC(50/60Hz for one minute)
Operate Time	10ms
Release Time	5ms
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 UL SGS TUV

## ENGINEERING DATA



## OVERALL AND MOUNTING DIMENSIONS

