

KKA[®]

PCB RELAY	JQC-3FF(T73)
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- 10A switching capability
- Small footprint
- Sealed type available
- Class B/F available
- Size: 19.2*15.4*15.4



■ **ORDERING CODE** 订购代码

JQC - 3FF - S - H 24VDC			
1	2	3	4
I . Relay Model 继电器型号: JQC-3FF-S-Z		III: 触点转换形式Z:Form C H:Form A B:Form D	
II . S: Sealed 密封		IV: Coil Nominal Voltage 线圈额定电压 3、5、6、9、12、18、24、48VDC	

■ **COIL DATA** 线圈参数 (at 20°C)

Nominal Voltage 额定电压(VDC)	3	5	6	9	12	18	24	48	0.36W
Coil Resistance 线圈阻值 ($\Omega \pm 10\%$)	25	69	100	225	400	900	1600	6400	
Rated Current 额定电流(mA)	120	71.4	60	40	30	20	15	7.5	
Max Operate Voltage 最大吸合电压(VDC)	2.25	3.75	4.5	6.75	9	13.5	18	36	
Min Release Voltage 最小释放电压(VDC)	0.15	0.25	0.3	0.45	0.6	0.9	1.2	2.4	
Max Applicable Voltage 最大过载电压	70°C时额定电压的 130%，23°C时额定电压的 170%								

■ CONTACT DATA 触点参数

Contact Form 触点形式	1H/1Z
Contact Material 触点材料	Silver Alloy
Load 负载	Resistive load(COS Φ=1)
Contact Ratings 触点负载	10A 250VAC 15A 125VAC
Minimum load 最小负载	100mA 5VDC
Max Switching Voltage 最大转换电压	250VAC/30VDC
Max Switching Current 最大转换电流	15A
Max Switching Power 最大转换功率	2500VA/300W
Contact Resistance 接触电阻	100m Ω Max at 6VDC 1A
Life Expectancy 寿命	Electrical 电气寿命: 100, 000 Operations(at30Operations/minute)
	Mechanical 机械寿命: 10, 000, 000 Operations(at300Operations/minute)

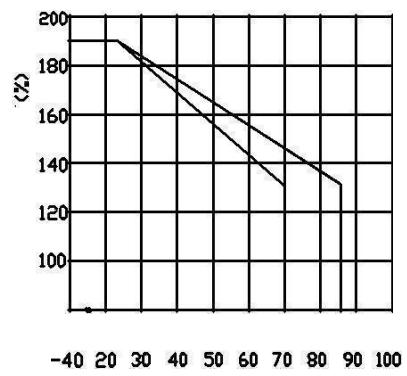
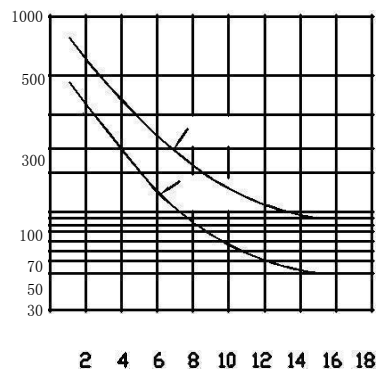
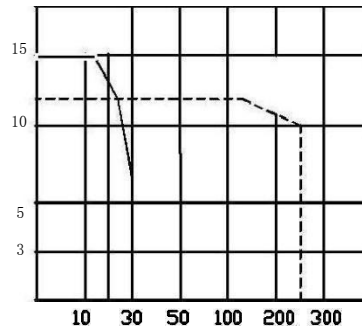
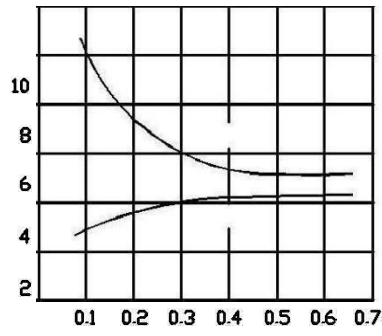
■ CHARACTERISTICS DATA 性能参数

Insulation Resistance 绝缘阻值	100M Ω Min at 500VDC
Dielectric Strength Between Open Contacts 触点间耐压	750VAC(50/60Hz for one minute)
Between Contacts and coil 触点与线圈间耐压	1500VAC(50/60Hz for one minute)
Operate Time 吸合时间	10ms
Release Time 释放时间	5ms
Temperature Range 环境温度	-40℃ to +85℃ / 105℃
Shock Resistance 冲击	Operating Extremes 动作极限: 10G
	Damage Limits 破坏极限: 100G
Vibration Resistance 振动	10-55Hz, 1.5mm
Max. switching frequency 最大转换频率	Mechanical: 18,000 operations/hr Electrical: 1,800 operations/hr
Humidity 湿度	40-85%
Weight 重量	Approx 10g
Safety Standard 安全标准	CQC UL TUV RoHS

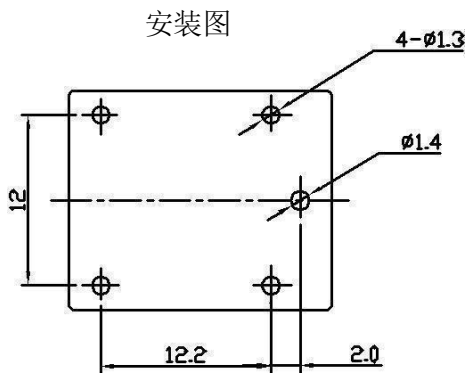
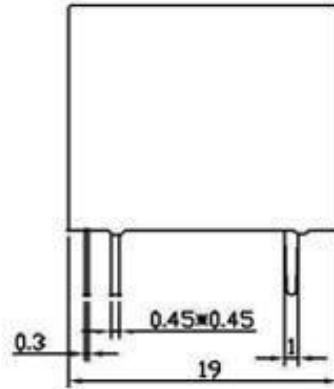
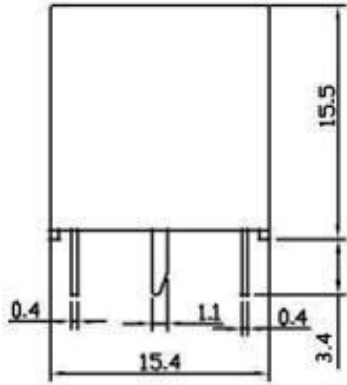
■ APPROVED STANDARDS 安全标准

Mode (型号)	Coiling rating (线圈电压)	Safety Standard (安全标准)	Contact rating (触电负载)
JQC-3FF	3-48VDC	CQC	10A 250VAC
		UL	15A 125VAC
		TUV	10A 250VAC

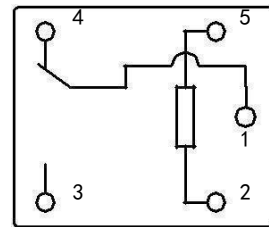
■ ENGINEERING DATA 设计参数



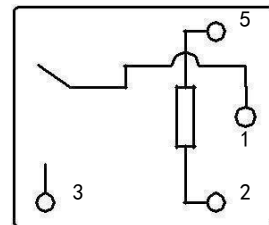
■ OVERALL AND MOUNTING DIMENSIONS 安装图



接线图



Form C



Form A

REMARK (备注) :

- 1、产品部分外形尺寸中未注尺寸公差：当外形尺寸 $\leq 1\text{mm}$ 时，公差为 $\pm 0.2\text{mm}$ ；当外形尺寸在 $1\sim 5\text{mm}$ 时，公差为 $\pm 0.3\text{mm}$ ；当外形尺寸 $> 5\text{mm}$ 时，公差为 $\pm 0.4\text{mm}$ 。
- 2、安装孔尺寸中未注尺寸公差均为 $\pm 0.1\text{mm}$ 。

声明：