

JQC-3F Sub-miniature Power Relay

1. Features

1.1 7A, 10A switching current

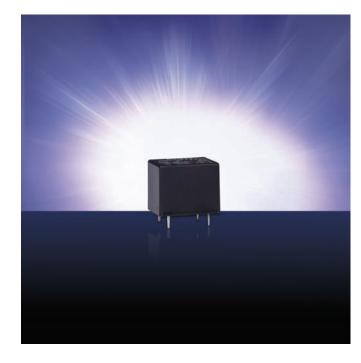
1.2 Sealed type

1.3 Dimension: 19mm× 15.5mm× 15.5mm

1.4 Certificate: TUV, UL, CE.

2. Ordering information





3. Contact specification

Contact Arrangement		1A 1C	
Initial contact resistance	m Ω	100	
Contact material		Silver alloy	
Rated load(resistive)	10A/125VAC,7A/250VAC,7A/30VDC		
Max. switching voltage	VAC	250	
	VDC	30	
Max. switching current	А	10	
Max. swithcing capacity	VA	1750	
	W	210	
Electrical endurance	Cycles($\times 10^3$)	100	
Machenical endurance	Cycles(×10 ⁶)	10	

4. Coil specification

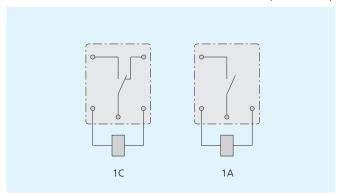
Rated voltage	Holding voltage	Must drop-out voltage	Operating range	Power consumption
3	75%Un	10%Un	(75%~110%)Un	0.36W
6				
9				
12				
18				
24				
48				

5. Characteristics

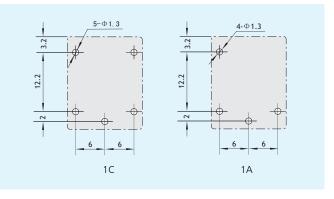
Insulation resistance(at 500VDC)		m Ω	100	
Dielectric strength	Between coil & contacts		1200VAC for 1min	
	Between open contacts		750VAC for 1min	
Operation time		ms	≤10	
Release time		ms	≤10	
Shock resistance		m/s²	100	
Vibration			$10{\sim}55$ Hz,1mm double amplitude	
Humidity			90% at +40°C	
Ambient temperature range		$^{\circ}$	-30~+60	
Termination			PCB	
Dimension		mm	19×15.5×15.5	

6. Overall mounting dimensions (mm)

Internal connection(bottom view)



Mounting holes(bottom view)



Dimensions

