

## Power Relays Series--JQC-3F

### FEATURES

- Up to 10A contact switching capability
- 1 Form A and 1 Form Z configurations
- Sockets available
- Outline dimensions (19.1 X15.4 X15.5) mm.



### CONTACT PARAMETERS

Model Series	JQC-3F
Rating Load(Resistive)	10A 240VAC      7A 125VAC 10A 24VDC
Max.Switching Current	10A
Max.Switching Voltage	240VAC/24VDC
Max.Switching Power	2,500VA/280W

### CHARACTERISTICS

Contact Materials	Ag Alloy	
Contact Resistance	50mΩ Max.	
Operate Time	8msec.Max.	
Release Time	5msec.Max.	
InsulationResistance	100MΩ Min.(DC500V)	
Initial Dielectric Strength	Between open contacts:	AC 750V,50/60Hz 1Min.
	Between contacts and coil:	AC1,500V,50/60Hz 1Min.
Vibration Resistance	Damage limits:	10~55Hz Double Amplitude 1.5mm
	Malfunction:	10~55Hz Double Amplitude 1.5mm
Shock Resistance	Damage limits:	100G Min.
	Malfunction:	10G Min.
Life	Mechanical Life(10800 per hour)	1×10 <sup>7</sup>
	Electrical Life(1800 per hour)	1×10 <sup>5</sup>
AmbientTemperature	-40C~+105C(No condensation)	
Unite weight	About Approx.8.5g	

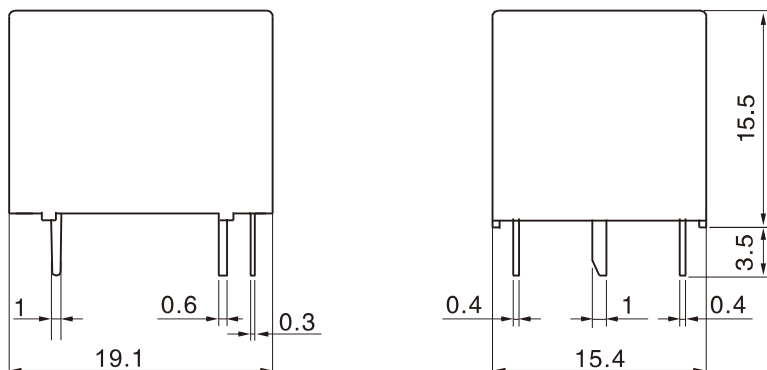
## COIL RATINGS (at20 )

Coil Nominal Voltage (VDC)	Nominal Current $\pm 10\%$ (mA)	Coil Resistance $\pm 10\%$ ( )	Max. Continuous Voltage	Pick-Up Voltage (Max)	Drop-Out Voltage (Min)	Rated Power
5	71.42	70	Coil Nominal Voltage 130%	Coil Nominal Voltage 75%	Coil Nominal Voltage 5%	About 0.36 W
12	30.00	400				
24	15.00	1,600				

## ORDERING INFORMATION

JQC-3F-012DC-P-X-(XXX)	
1 2 3 4 5	
1. Model Number: JQC-3F	4. Coil Power: Nil-0.36 W
2. Coil Voltage (VDC): 05,12,24	5. Features: XXX-Special Requirements, Nil-Standard Type
3. Contact Form: A-1 Form A, P-1 Form C	

OUTLINE DIMENSIONS (UNIT:mm)

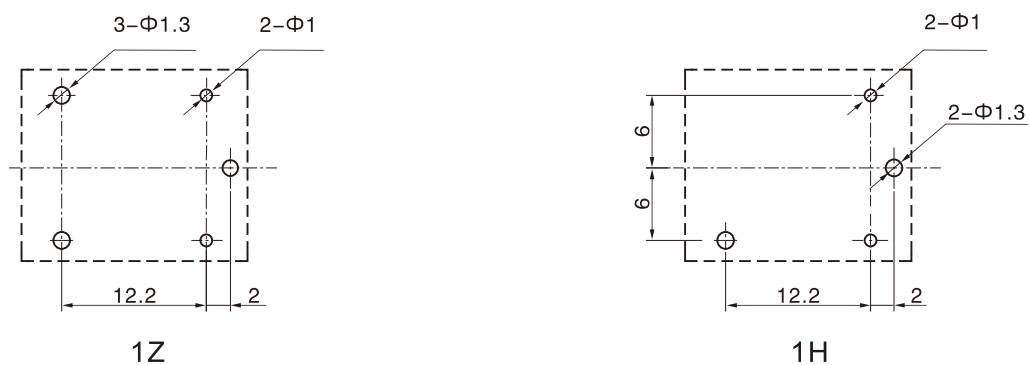


Undimensioned tolerance: <1mm: ±0.2mm 1~5mm: ±0.3mm >5mm: ±0.4mm

Note: 1.The size of the lead foot is pre welding dimension.  
2.installation hole size tolerance: +0.1mm



Wiring diagram (bottom view)



Mounting hole size (bottom view)

TYPICAL USE

- Vending Machines
- Office equipment: Computer, Fax, Etc..
- Smart Home Products

PERFORMANCE CHART

