



21×10×12

JRC-19F (4078)



E158859



R2133344

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Features	
• Low coil power consumption. • Small size, light weight. • PC board mounting. • Suitable for automation facilities, telecommunication equipment, household electrical appliance, wireless radio remote control, sound control toys application etc.	

Contact Data			
Contact Arrangement		2A, 2C	
Contact Material		Ag Ag·Pd (Au clad)	
Contact Rating (resistive)		2A/24VDC; 0.5A, 1A/125VAC, 30VDC	
Max. Switching Power		48W 60VA	
Max. Switching Voltage		24VDC 220VAC Max. Switching Current:2A	
Contact Resistance or Voltage drop		≤ 50m Ω	Item 3.12 of IEC255-7
Operation life	Electrical	10 ⁵	Item 3.30 of IEC255-7
	Mechanical	10 ⁷	Item 3.31 of IEC255-7

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Coil Parameter										
Coil voltage VDC		Coil resistance Ω <u>+10%</u>				Pickup voltage VDC (max) (75% of rated voltage)	Release Voltage VDC (min) (10% of rated voltage)	Coil power consumption W	Operate Time ms	Release Time ms
Rated	Max.									
3	3.9	60	45	25	17.6	2.25	0.3	0.15/0.2/0.36/0.51	⩽6	⩽5
4.5	5.9	135	101	56	39.7	3.15	0.45			
5	6.5	166.7	125	70	49	3.50	0.5			
6	7.8	240	180	100	70.6	4.20	0.6			
12	15.6	960	720	400	282.4	8.40	1.2			
24	31.2	6840	2880	1600	1129.4	18.0	2.4			
48	62.4				4517.6	36.0	4.8			
CAUTION: 1.The use of any coil voltage less than the rated coil voltage will compromise the operation of the relay. 2.Pickup and release voltage are for test purposes only and are not to be used as design criteria.										

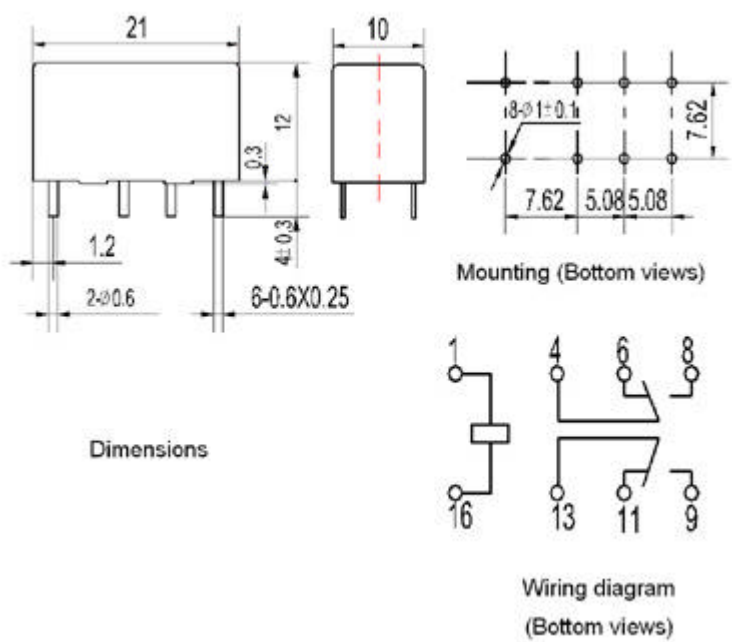
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Operation condition		
Insulation Resistance	1000M Ω min (at 500VDC)	Item 7 of IEC255-5
Dielectric Strength		
Between contacts	50Hz 500V	Item 6 of IEC255-5
Between contact and coil	50Hz 1000V	Item 6 of IEC255-5
Shock resistance	500m/s ² 11ms	IEC68-2-27 Test Ea method 1
Vibration resistance	10~70Hz double amplitude 1.5mm	IEC68-2-6 Test Fc
Terminals strength	5N	IEC68-2-21 Test Ua1
Solderability	230°C $\pm$ 2°C 10 $\pm$ 0.5s	IEC68-2-20 Test Ta method 1
Ambient Temperature	-30~70°C	
Relative Humidity	85% (at 40°C)	IEC68-2-3Test Ca
Mass	5g	
Qualification inspection: Perform the qualification test as specified in the table IV of IEC255-19-1 and minimum sample size 24.		

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Ordering Information	
JRC-19F 2C 3V 0.2	
Coil power consumption: 0.15W, 0.2W, 0.36W, 0.51W Coil rated DC Voltage: 3V, 4.5V, 5V, 6V, 12V, 24V, 48V Contact Arrangement: 2A: 2A, 2C: 2C Part number:JRC-19F	

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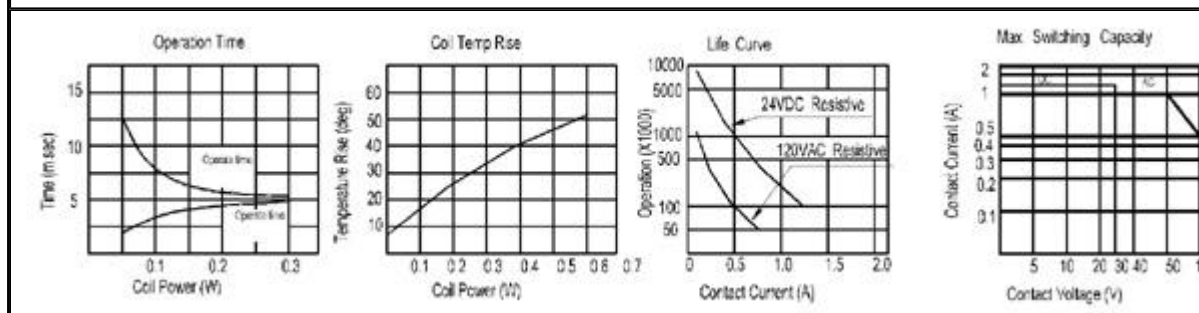
Dimensions (Unit: mm)			
 Dimensions Mounting (Bottom views) Wiring diagram (Bottom views)		mm	inch
		0.25	0.010
		0.3	0.012
		0.6	0.024
		1.0	0.039
		1.2	0.047
		4.0	0.157
		5.08	0.200
		7.62	0.300
		10	0.394
		12	0.472
NOTES:			

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- 1). Dimensions are in millimeter.
- 2). Inch equivalents are given for general information only.

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0.827

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