

JRC-27F

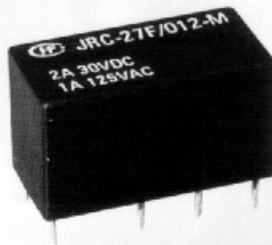
SUBMINIATURE DIP RELAY



Pending



File No.:CH0078025-2002



Features

- 2 Form C contact
- High switching capacity 60W, 125VA
- Fit standard 16 pin IC socket
- Epoxy sealed for automaitc-wave soldering and cleaning

CONTACT DATA

Contact Arrangement	2C
Initial Contact Resistance Max.	50mΩ
Contact Material	Silver alloy, Au Clad
Contact Rating (Res. Load)	2A,30VDC 1A,125VAC
Max. switching power	125VA/60W
Max. switching voltage	120VDC/240VAC
Max. switching current	2A
Min. Applicable load	10mV 10μA
Mechanical life	1x10 ⁶ ops
Electrical life	1x10 ⁵ ops

CHARACTERISTICS

Initial Insulation Resistance	1000MΩ 500VDC
Dielectric Strength	Between coil and Contacts 1500Vrms 1min
	Between open contacts 1000Vrms 1min
Operate time (at nomi. Volt.)	≤ 6ms
Release time (at nomi. Volt.)	≤ 4ms
Ambient temperature	-40°C to +85°C
Humidity	40 to 85%R.H.
Vibration Resistance	DA: 1.5mm 10 to 55Hz
Shock Resistance	Functional 196m/s ² (20g)
	Destructive 980m/s ² (100g)
Max. Solder Temp. Time	270°C 5s
Max. Solvent Temp. Time	80°C 30s
Termination	DIP & PCB
Unit weight	Approx. 5g
Construction	Sealed

COIL

Coil power	Sensitive:200mW	Standard:360mW
Temperature Rise	max. 65°C	
Coil Voltage	See coil data table	

COIL DATA

Standard (360mW) 20°C					
Order Number	Coil Voltage VDC	Pick-up Voltage VDC (Max.)	Drop-out Voltage VDC (Min.)	Coil Resistance Ω ± 10%	Allow Voltage VDC (Max.)
003-M	3	2.25	0.3	30	4.5
005-M	5	3.75	0.5	90	8.0
006-M	6	4.50	0.6	130	10.0
009-M	9	6.80	0.9	280	14.5
012-M	12	9.00	1.2	450	18.5
015-M	15	11.3	1.5	625	22.0
024-M	24	18.0	2.4	1600	35.5
048-M	48	36.0	4.8	4000	56.0

Sensitive (200mW) 20°C					
Order Number	Coil Voltage VDC	Pick-up Voltage VDC (Max.)	Drop-out Voltage VDC (Min.)	Coil Resistance Ω ± 10%	Allow Voltage VDC (Max.)
003-S	3	2.25	0.3	45	6
005-S	5	3.75	0.5	125	10
006-S	6	4.50	0.6	180	12
009-S	9	6.80	0.9	405	18
012-S	12	9.00	1.2	720	24
015-S	15	11.3	1.5	1125	30
024-S	24	18.0	2.4	2880	48

Note: When user's requirements can't be found in the above table, special order allowed.



HONGFA RELAY

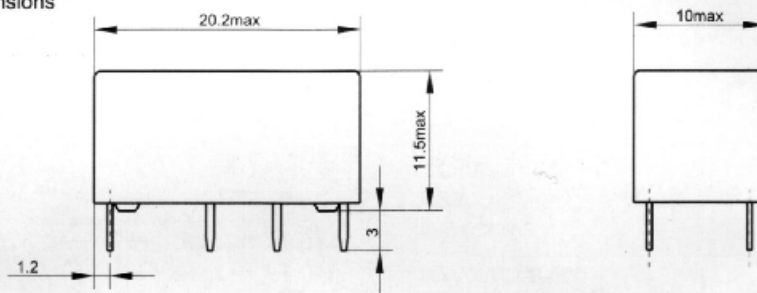
ISO9001/QS9000/ISO14000 CERTIFIED

ORDERING INFORMATION

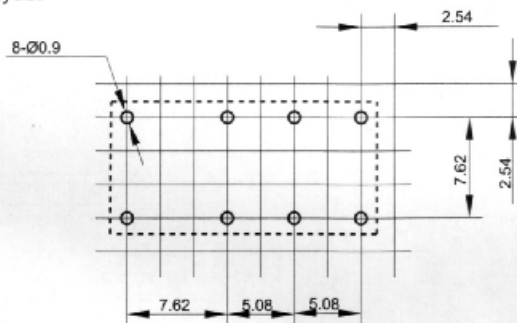
	JRC-27F /	012	S
Type			
Coil voltage	3, 5, 6, 9, 12, 15, 24, 48VDC(Standard only)		
Coil Power	S: Sensitive M: Standard		

OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT

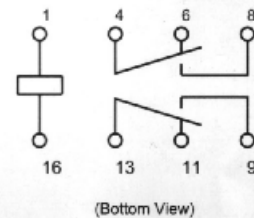
Outline Dimensions



PCB Layout

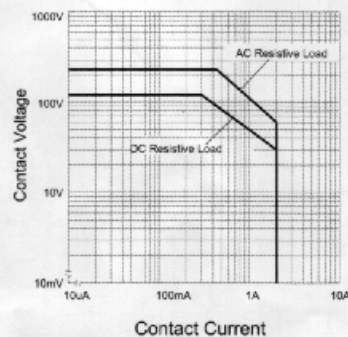


Wiring Diagram



CHARACTERISTICS CURVE

MAXIMUM SWITCHING POWER



LIFE CURVE

