

## FEATURES

- Small size at 22mm x 16.5mm x 16.5mm(L x W x H)
- Sensitivity operation, good synchronism
- PCB mounting
- Lower power consumption

## CONTACT DATA

Contact form	2A ; 2C
Contact resistance	≤50mΩ
Contact rating	3A/277VAC,3A/30VDC 5A/277VAC,5A/30VDC 6A125VAC
Max. switching voltage	50VDC 380VAC
Max. switching power	(0.5W) 90W 850VA (0.6W) 300W 2770VA
Contact material	Silver Alloy

## CHARACTERISTICS

Insulation resistance	100MΩ at 500VDC
Dielectric strength	1000VAC, 1 min. between coil to contacts 750VAC, 1 min. between open contacts
Operate time (nominal V.)	Max. 10 ms
Release time (nominal V.)	Max. 5 ms
Vibration resistance	10Hz-55Hz amplitude at 1.5mm
Shock resistance	100m/s <sup>2</sup> 11ms
Ambient temperature	- 40°C to + 70°C
Life expectancy	1 x 10 <sup>5</sup> operations ( at rated load ) 1 x 10 <sup>7</sup> operations
- Electrical	
- Mechanical	

## COIL SPECIFICATIONS – 1. Sensitive

Nominal voltage (VDC)	Pick-up voltage VDC (Max.)	Drop-out voltage VDC (Min.)	Nominal current (mA±10%)	Coil resistance (Ω±10%)	Power consumption(mW)	Max. allowable voltage (VDC)
3	2.25	0.3	166.6	18	500	130% of nominal voltage
6	4.5	0.6	83.3	72	500	
9	6.75	0.9	55.5	162	500	
12	9	1.2	41.6	288	500	
24	18	2.4	20.8	1152	500	
48	36	4.8	10.4	4608	500	

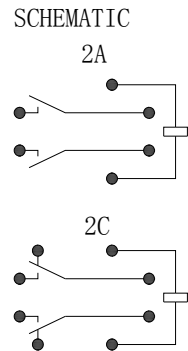
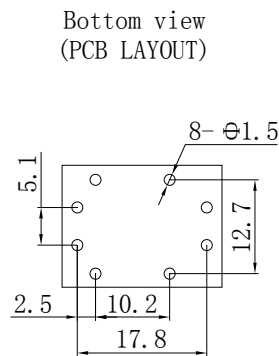
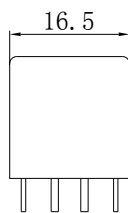
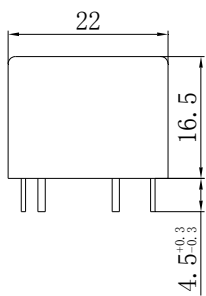
## 2. Standard

Nominal voltage (VDC)	Pick-up voltage VDC (Max.)	Drop-out voltage VDC (Min.)	Nominal current (mA±10%)	Coil resistance (Ω±10%)	Power consumption(mW)	Max. allowable voltage (VDC)
3	2.25	0.3	166.6	15	600	130% of nominal voltage
6	4.5	0.6	83.3	60	600	
9	6.75	0.9	55.5	135	600	
12	9	1.2	41.6	240	600	
24	18	2.4	20.8	960	600	
48	36	4.8	12.5	3840	600	

## ORDERING INFORMATION

Model No.	Coil Voltage	Contact Current	Coil Resistance	Contact Form	Protection
ME7F	3、6、9、12 and 24VDC	P: 3A D: 5A	Nil: 600mW L: 500mW	H: 2A Nil: 2C	Nil: Unsealed S: Sealed

## Dimensions(unit:mm)



Disclaimer: All the specifications are subject to change without notice.