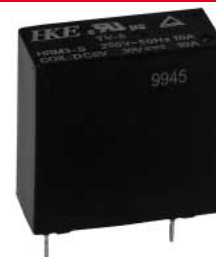
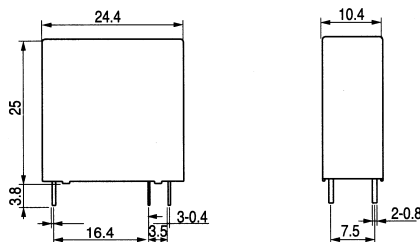


- Miniature power relay
- 10 Amp SPST, 30 VDC/250 VAC
- 250 & 540 mW power consumption
- Coil voltages 3 - 48 VDC
- Sealed construction

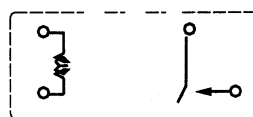
HRM3(H) RELAY



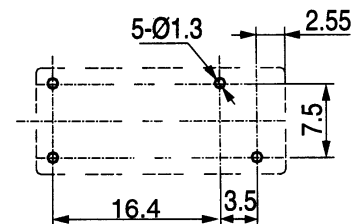
DIMENSIONS (in mm)



TERMINAL ARRANGEMENT



PCB DRILLING



TECHNICAL DATA

COIL DATA		CONTACT DATA		GENERAL DATA	
Nominal V	3 to 48 VDC	Contact Arrangement	1 Form A	Insulation Resistance	Min. 100M Ω . At 500VDC
Coil Resistance	Refer to table	Contact Material	Silver alloy	Dielectric Strength	1000VAC. 1 min between open contacts
Operate V	Refer to table	Contact Rating	10A 250VAC/30VDC		4000VAC. 1 min between contacts & coil
Release V	Refer to table	Max. Switching Voltage	110VDC/250VAC	Operate Time	Max. 15ms
Nominal Power	250 to 540 mW	Max. Switching Current	10A	Release Time	Max. 8ms
		Max. Switching Power	2500VA, 300W	Temperature Range	-30 to +70 °C
		Resistance (Initial)	100m Ω . At 6VDC, 1A	Shock Resistance	15G
		Electrical Life at nominal load	100,000 operations TV-5 120 VAC	Vibration Resistance	10-55Hz, Amplitude 1.5mm
		Mechanical Life	10,000,000 operations	Weight	11gr.
				Safety Standard	UL NO.E164730

COIL DATA CHART (at 20°C)

Product Code	Coil Nominal VDC	Coil Resistance $\Omega \pm 10\%$	Operate Voltage VDC	Release Voltage VDC	Coil Nominal mW
HRM3-S DC3V	3	17	2.40	0.15	540
HRM3-S DC5V	5	50	4.00	0.25	
HRM3-S DC6V	6	68	4.80	0.30	
HRM3-S DC9V	9	155	7.20	0.45	
HRM3-S DC12V	12	270	9.60	0.60	
HRM3-S DC24V	24	1100	19.20	1.20	
HRM3-S DC48V	48	4400	38.40	2.40	250
HRM3H-S DC3V	3	36	2.40	0.15	
HRM3H-S DC5V	5	100	4.00	0.25	
HRM3H-S DC6V	6	144	4.80	0.30	
HRM3H-S DC9V	9	324	7.20	0.45	
HRM3H-S DC12V	12	576	9.60	0.60	
HRM3H-S DC24V	24	2304	19.20	1.20	
HRM3H-S DC48V	48	9216	38.40	2.40	

ORDERING PROCEDURE

Order by product code.