

**Features**

- ✱ 5A Switching Capability
- ✱ Form 1A Configuration
- ✱ 3kV dielectric coil to contacts
- ✱ Slim size - 6.5mm width
- ✱ Low Power - 200mW Coil
- ✱ UL Approvals

Contact Data

Contact Forms	1A
Initial Contact Resistance	Max.100 mOhm
Contact Rating Resistive Load	5A @ 250VAC/30VDC
Max Switching Current	5A
Max Switching Voltage	250VAC/30VDC
Max. Switching Power	150W/1250VA
Contact Material	Silver Alloy or Silver + Au Plate
Weight	3g

Characteristics

Insulation Resistance	100MOhm at normal temperature & humidity
Dielectric Strength Between coil & contacts Between open contacts	3000VAC 750VAC
Operate Time	6mS (at nominal coil voltage)
Release Time	3mS (at nominal coil voltage)
Vibration Resistance	10-55Hz double amplitude 1.5mm
Ambient Temperature	-40°C to +70°C
Humidity	35 to 95%
Life Expectancy Electrical	1 x 10 ⁵ min. operations (3A) 1 x 10 ⁴ min. operations (5A)
Mechanical	2 x 10 ⁷ min. operations

Coil Specifications

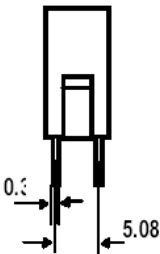
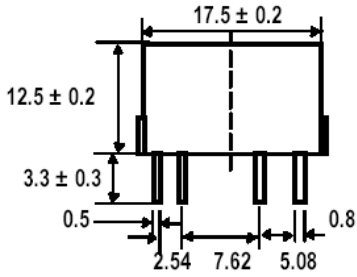
Nominal Voltage (VDC)	Operate Voltage VDC (Max)	Release Voltage VDC (Min)	Rated Current (at 20°C) mA (+/- 10%)	Coil Resistance (Ohms +/- 10%)	Power Consumption (mW)
5	3.5	0.5	40	125	200
6	4.2	0.6	33.3	180	200
9	6.3	0.9	22.2	405	200
12	9.6	1.2	15	850	180
18	12.6	1.8	11.1	1620	200
24	19.2	2.4	7.5	3390	180

ME30 Series

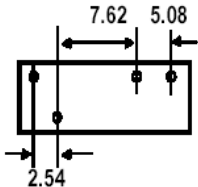
Ordering Information:

ME30	- 012	-1H	S	-G
Model No.	Coil Voltage	Contact Form	Structure	Contact Material
ME30	5 - 24 VDC	1H: 1 Form A	S: Sealed	Nil: Silver Alloy G: Silver Alloy + Au Plated

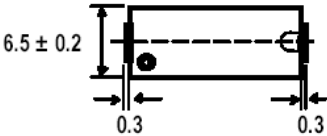
Dimensions (in mm):



PCB LAYOUT



BOTTOM VIEW



SCHEMATIC

