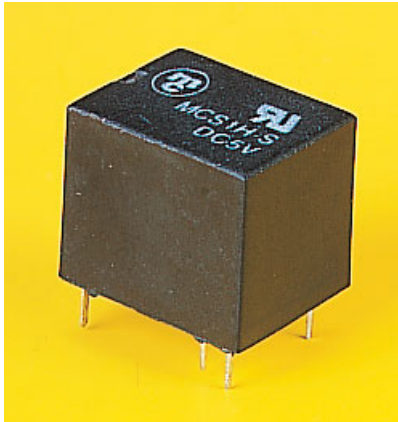


# MCS1H Series

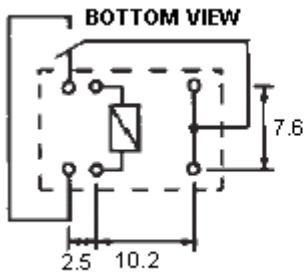
## Subminiature High Sensitivity PCB Relays



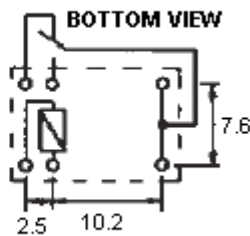
### Features:

- Low profile.
- High coil sensitivity.
- Fully sealed.
- Low coil power consumption.
- Small size and low cost.
- PCB mounting, DIL pitch terminal.
- Standard and high sensitivity operation.

MCS1HS



MCS1KHS



### Characteristics:

Contact arrangement	SPDT (1 Form C)
Contact material	AgAu
Contact resistance	100mΩ maximum
Contact rating (resistive load)	1A at 24V dc/120V ac
Switching voltage	30V dc maximum and 120V ac maximum
Operate time	5ms maximum
Release time	5ms maximum
Insulation resistance	100MΩ minimum (500V dc)
Dielectric strength	1000V.rms, 1 minute between open contact 1000V.rms, 1 minute between contact and coil
Shock resistance	10 grams approximate
Vibration	10 - 55Hz, Amplitude 1.5mm
Ambient temperature	-40°C to +85°C
Operation life	Mechanical : 10 <sup>7</sup> Electrical : 10 <sup>5</sup>

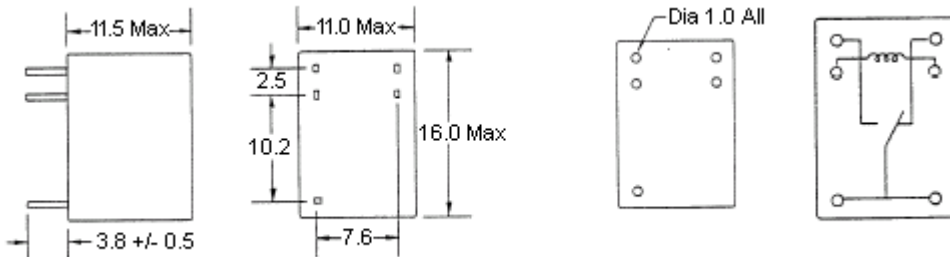


# MCS1H Series

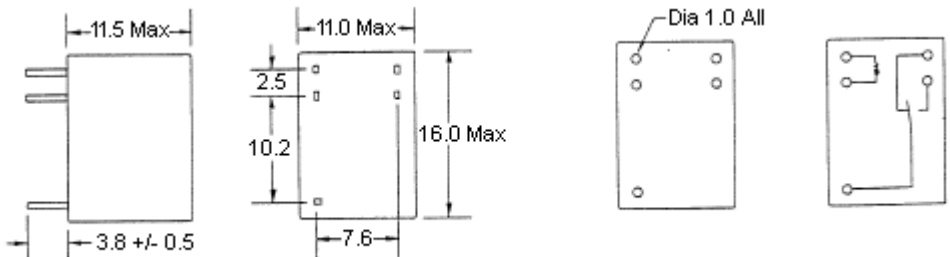
## Subminiature High Sensitivity PCB Relays



### MCS1HS



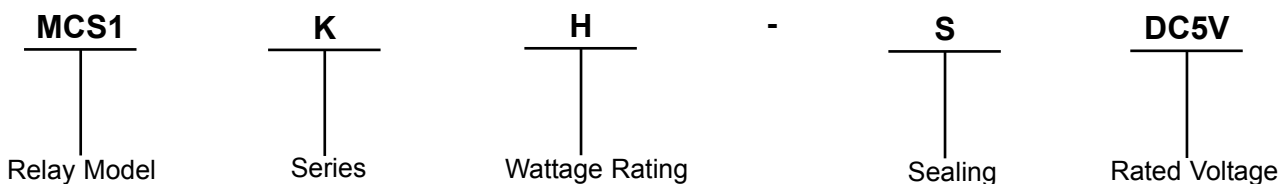
### MCS1KHS



### Specifications

Coil		Must Operate Voltage	Must Dropout Voltage	Maximum Voltage	Coil Consumption (mW)	Series	Part Number
Volts (V dc)	Resistance (Ω)						
		% Of Rated Voltage (at +20°C)					
5	120	75 maximum	10 minimum	110 maximum	200	SPCO-MCS1H-S	MCS1H-S DC5V
12	700						MCS1H-S DC12V
24	2800						MCS1H-S DC24V
5	120					SPCO-MCS1KH-S	MCS1KH-S DC5V
12	700						MCS1KH-S DC12V
24	2800						MCS1KH-S DC24V

### Part Number Explanation:



- Relay Model** : MCS1.
- Series** : NIL = MCS1,  
K = MCS1K.
- Wattage Rating** : H = 200mW High Sensitivity.
- Sealing** : S = Sealed Type.
- Rated Voltage** : 5, 12 and 24V dc.



# MCS1H Series

## Subminiature High Sensitivity PCB Relays



### Notes:

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