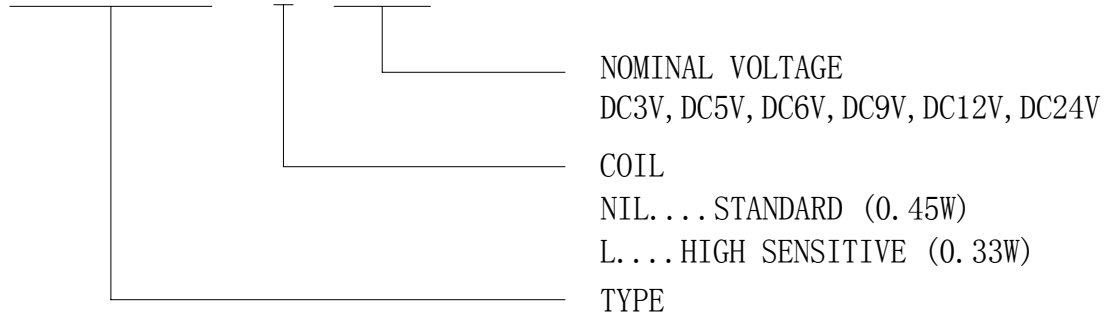


ORDERING CODE

HLS6-3100H - L- DC12V



CONTACT DATA

Contact Form	1C
Contact Material	Ag+Au
Contact Ratings	1A:120VAC/24VDC
Max Switching Voltage	120VAC/30VDC
Max Switching Current	2A
Max Switching Power	120VA/30W
Initial Contact Resistance	50mΩ Max at 6VDC 1A
Life Expectancy Electrical	100,000 Operations(rated load)
Life Expectancy Mechanical	10,000,000 Operations(no load)

GENERAL DATA

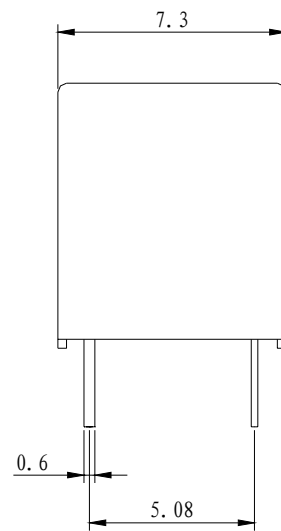
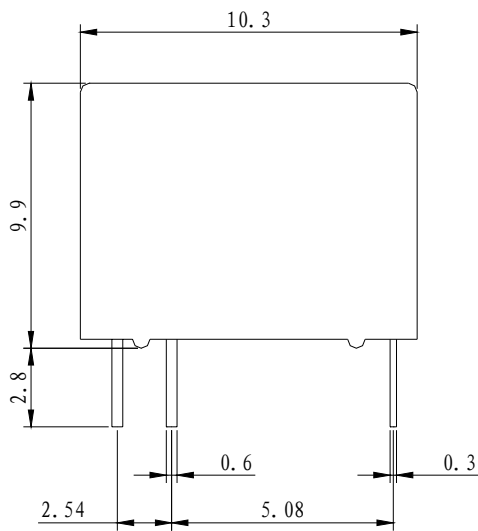
Insulation Resistance	100MΩ Min at 500VDC	
Dielectric Strength Between Open Contacts	500VAC 50-60HZ (1 minute)	
Dielectric Strength Between Contacts And Coil	1000VAC 50-60HZ (1 minute)	
Operate Time	6ms max	
Release Time	4ms max	
Ambient Temperature	-25°C to +70°C	
Shock Resistance	Malfunction	10G
	Destruction	15G
Vibration Resistance	10-55Hz, 1.5mm double amplitude	
Ambient humidity	40-85% RH	
Weight	Approx 1.7g	
Safety Standard		

COIL DATA

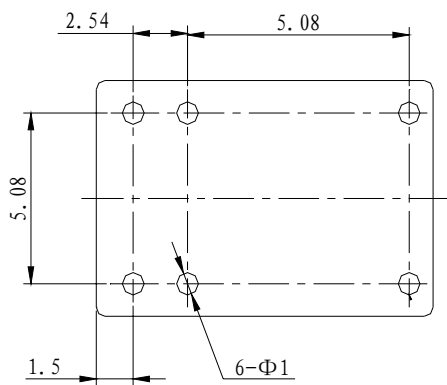
Rated Voltage (VDC)	Coil Resistance Ω (±10%)		Max Operate Voltage (VDC)	Min Release Voltage (VDC)	Max Applied Voltage (VDC)
	0.33W	0.45W			

3	28	20	2.4	0.15	3.9
5	75	50	4	0.25	6.5
6	110	80	4.8	0.3	7.8
9	250	180	7.2	0.45	11.7
12	440	320	9.6	0.6	15.6
24	1560	1280	19.2	1.2	31.2

Outline Dimension (mm)

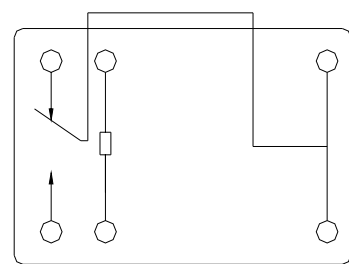


PC Board layout



(Bottom View)

Wiring Diagram



(Bottom View)