



JUC-054M Subminiature Hermetic Thermostat

JUC-054M

Product introduction

JUC-054M is contact-and-induction version thermostats, which have passed UL certification. They are characterized by small size, light weight, high precision and outstanding general purpose function, suitable for temperature controlling and overheat protection in equipments of aerospace and other field.

Adopted military standard: MIL-S-24236



Environmental Conditions

No.	Item		Data
1	Ambient temperature range		-65°C ~ +150°C
2	Low atmospheric pressure (kPa)		1.06
3	Vibration	Frequency (Hz)	10 ~ 2000
		Acceleration (m/s ²)	150
4	Shock	Acceleration (m/s ²)	500
		Pulse lasting time	11
5	Acceleration (m/s ²)		200

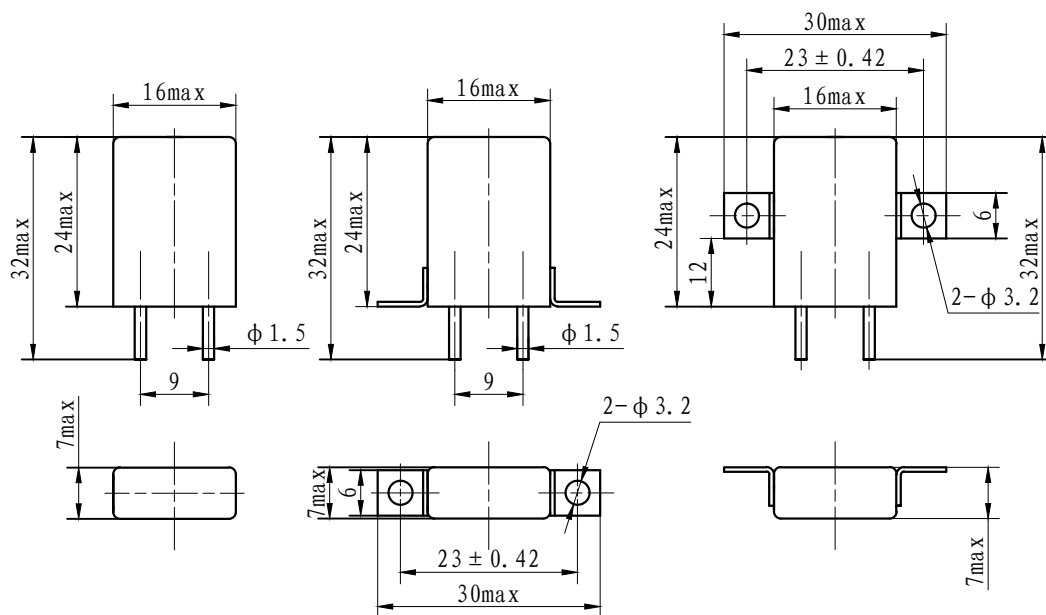
Specifications

Contact arrangement		1D or 1H					
Operating temperature range (℃)		－10～＋150					
Operating temperature tolerance(℃)		See main technical datum table					
Restoration temperature (℃)		See main technical datum table					
Contact resistance (Ω)		Before life	≤ 0.05	Contact load	Resistive: 5A, 28Vd.c.		
		After life	≤ 0.10				
Insulation resistance (MΩ)	Under normal condition	≥ 500				sealed	≤ 1Pa・cm ³ /s
	Under high temperature and high humidity	≥ 10					
Dielectric withstanding voltage (50Hz)	Under normal condition	500Vr. m. s.		Life	2×10 ⁴ operations		
	Under low atmospheric pressure	350Vr. m. s.		Weight	≤ 11 grams		

Main Technical Datum

Part No.	Nominal operating temperature value	Operating temperature tolerance	Restoration temperature	
− 10 ∼ + 110	Any value withing range -10℃ to +110℃	±3℃, ±5℃, ±7℃ (If applicable)	Upper limit	Below corresponding operating temperature value 5℃
			Lower limit	Below corresponding operating temperature value 15℃
+ 111 ∼ + 130	Any value withing range +111℃ to +130℃		Upper limit	Below corresponding operating temperature value 5℃
			Lower limit	Below corresponding operating temperature value 20℃

Outline Mounting Dimensions (mm)

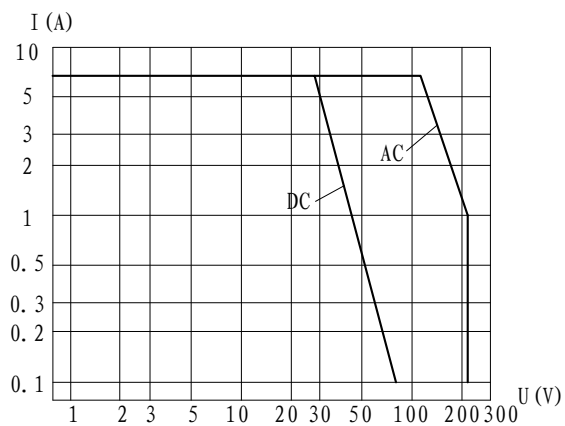


Mounting method "0"

Mounting method "1"

Mounting method "3"

Load characteristics



Orders Information

JUC-054M/35 $\pm 5^\circ\text{C}$ -1D-0

- Mounting code
- Contact arrangement
- Nominal operating temperature and tolerance
- Type