

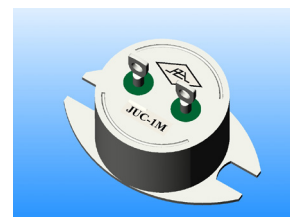


JUC-1M Subminiature Hermetic Thermostat

Product introduction

JUC-1M 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	Environmental level	II	III
2	Ambient temperature range	-65°C ~ +125°C	
3	Low atmospheric pressure (kPa)	1.06	1.06
4	Vibration	Frequency (Hz)	10 ~ 500
		Acceleration (m/s ²)	100
5	Shock	Acceleration (m/s ²)	500
		Pulse lasting time	11
6	Acceleration (m/s ²)	200	500

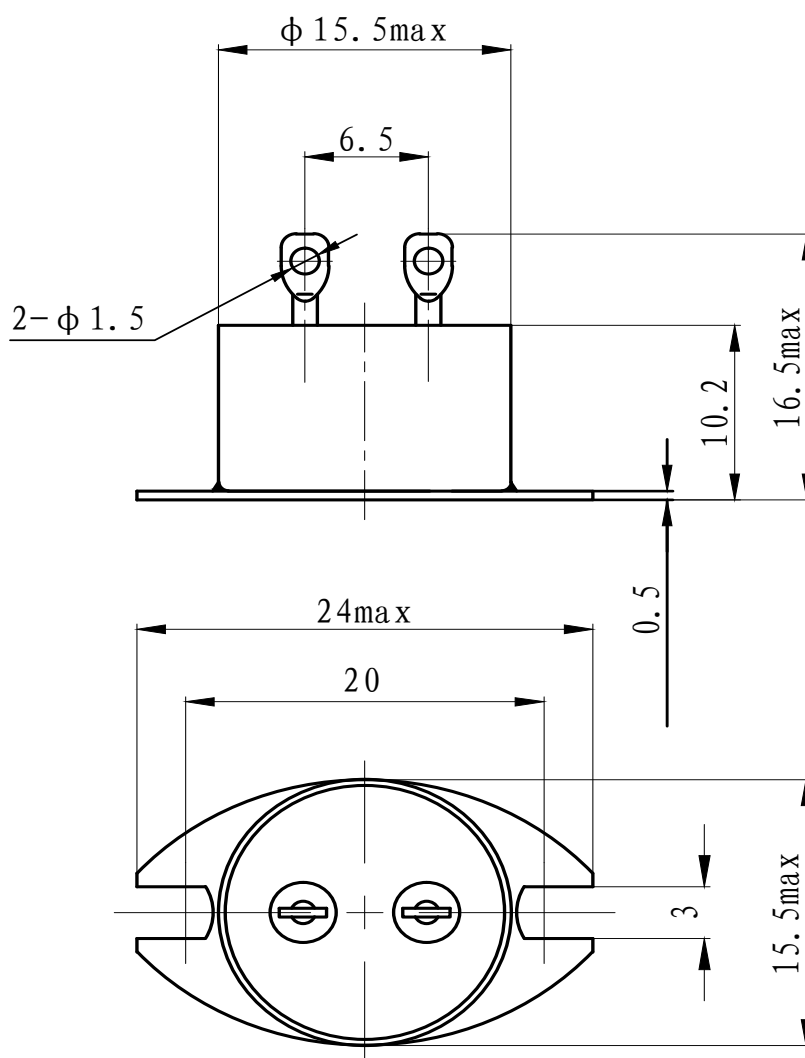
Specifications

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: 1A, 28Vd.c. 1A, 220Va.c. (50Hz) 1A, 115Va.c. (400Hz)	
		After life	≤ 0.10			
Insulation resistance (MΩ)	Under normal condition	≥ 500				
	Under high temperature and high humidity	≥ 10				sealed
Dielectric withstanding voltage (50Hz)	Under normal condition	500Vr. m. s.		Life	2×10 ⁴ operations	
	Under low atmospheric pressure	350Vr. m. s.		Weight	≤ 9 grams	

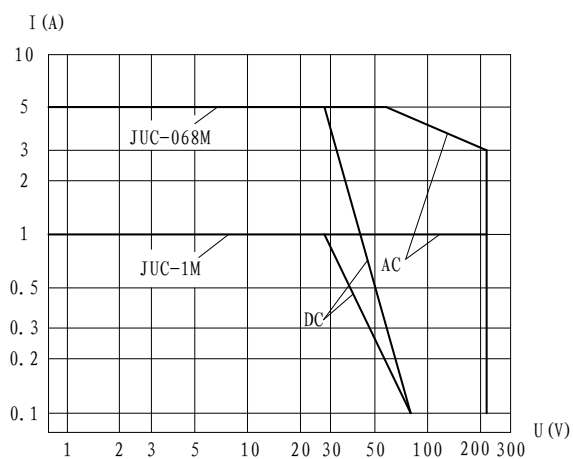
Main Technical Datum

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 3℃
			Lower limit	Below corresponding operating temperature value 15℃
+ 111 ∼ + 150	Any value withing range +111℃ to +150℃		Upper limit	Below corresponding operating temperature value 3℃
			Lower limit	Below corresponding operating temperature value 20℃

Outline Mounting Dimensions (mm)



Load characteristics



Orders Information

