

HCA39H Series Reliability Index Hermetically Military Wet Tantalum Capacitors

◆Features:

- 1. This product is a full tantalum structure, hermetic, cylindrical, axially drawn, polarized capacitor, with excellent electrical properties.
- 2. Small size, large capacity, high reliability, long life, and can withstand large ripple currents.
- 3. Implementation standard: GJB733A-96, QJ/PWV319-2010

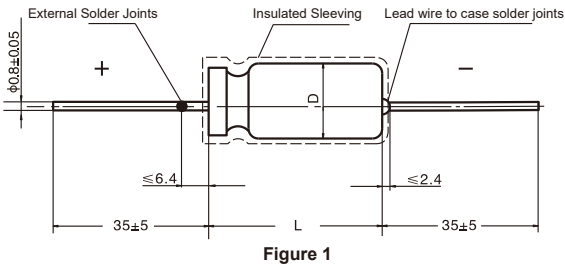
◆Application:

Suitable for aerospace , aviation, weapons, ships, electronics and other fields, for spaceships, satellites, aircraft, missiles and other national defense weapons and equipment, suitable for DC or pulsating circuits of military electronic equipment with reliability requirements, especially suitable for capacitor volume in the aerospace field A small overall device is required.



◆Specifications:

- 1. Operating temperature range: - 55°C ~ + 125°C
- 2. Can withstand 1.5V reverse voltage, strong anti-radiation ability
- 3. Capacity tolerance: K: ± 10% M: ± 20%
- 4. Electrical performance parameters such as leakage current, ESR, and low temperature resistance are shown in Table 2
- 5. Outline structure and installation dimensions: see Figure 1 and Table



◆How to order:

<u>HCA39H</u>	<u>687</u>	<u>050</u>	<u>K</u>	<u>R</u>	<u>0800</u>
↓	↓	↓	↓	↓	↓
<u>Type</u>	<u>Capacitance code</u>	<u>Rated DC Voltage</u>	<u>Tolerance</u>	<u>Package</u>	<u>ESR in mΩ</u>
HCA39H	pF Code: 1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow) 106 = 10uF 476 = 47uF	Code 035:35VDC 006 = 6.3VDC 010 = 10VDC 025 = 25VDC 035 = 35VDC 050=50VDC	K: +/- 10% M: +/-20%	R: Tape & Reel	

Table 1 Dimensions and Maximum Weight of Capacitors

Case Code	Max Weight (g)	Without insulating sleeve	
		D±0.4(mm)	L _{0.4} ^{0.8} (mm)
T1	3.0	4.78	11.51
T2	7.0	7.14	16.28
T3	12.0	9.52	19.46
T4	18.0	9.52	26.97
L4	22.0	9.90	30.0

Note: After the outer shell is covered with insulating sleeve, the diameter increases by 0.4mm max and the length L increases by 1.6mm max.