



CA58B High-Temp Wet Tantalum Capacitor

All Tantalum Case for -55 +200 operation (hermetic seal)



1, Brief Introduction and Feature

- ¥ CA58B, All tantalum case ,hermetic sealed, with high-temp insulation sleeve wet tantalum electrolytic capacitors.
- ¥ With polar, axial leads through hole.High reliability,long life,high ripple current.
- ¥ Widely used in electronic equipment for high-temp applications such as oil down hole drilling,and other DC or PC.
- ¥ Meet standard: QJ/PWV344-2011 Cross Vishay part 134D

2, General Characteristics

- ¥ Operating Temperature: -55 +200 (>85 with voltage derating);
- ¥ Storage temperature -62 +130
- ¥ Capacitance Tolerance: K=±10% ,M=±20%
- ¥ Case sizes, Dimensions and Max. weight: As shown in Table 1 and figure 1.
- ¥ Performance: See table 2

3, Drawing Case Dimension and Max. weight



Table 1

Code	Max. weight g	Without sleeve			
		W	L	D±0.4 mm	L±0.8 (mm)
T1	3	4.78	11.51	5.56	12.30
T2	7	7.14	16.28	7.92	17.10
T3	12	9.52	19.46	10.31	20.20
T4	18	9.52	26.97	10.31	27.70



4, General Characteristics

Rated Voltage	Voltage Derating		Case size	Capacitance μF	DCL (μA)Max		Tg (%) 25	AC ripple 85 40kHz Max (μA)
	125	200			25	85 125		
50	30	30	T1	68	1	5	22	1400
			T2	220	2	10	28	2300
			T3	470	3	25	30	2650
			T4	680	5	40	38	2900
60	40	36	T1	47	1	5	20	1250
			T2	150	2	10	23	2050
			T3	390	3	25	25	2450
			T4	560	5	40	35	2700
			T1	33	1	5	20	1100

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5,How to order

(GTCA58B 157 M 100 T3)

Notes

- 1 Tantalum capacitors can't been measured by multimeter (Easily cause irreversible damage and lead to reject)
- 2 Capacitance, DF measure frequency: 100Hz $U_{\text{max}}=2.20 -1.0V$ $U_{\text{min}}=1.00 -0.5V$ (effective value),
measure method is by series equivalent circuit.
- 3 Measure leakage current above 125 ,please use derated voltage. DLC read within 5 minute.
- 4 Special size and big capacitance products, please negotiate with us