

◆ Features

General purpose SMT chip tantalum series
General low power DC/DC and LDO
Operating Standard: QJ/PWV109-2003
Military Parts Qualified Factory
RoHS & REACH compliance



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◆ Specifications

Operating Temperature Range: $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$; $>85^{\circ}\text{C}$ (with rated voltage derating);

DC Leakage at 25°C : $I_{\circ} \leq 0.01C_R U_R$ or $0.5\mu\text{A}$ (Choose the greater one)

Capacitance Range: $0.68\mu\text{F} \sim 2200\mu\text{F}$

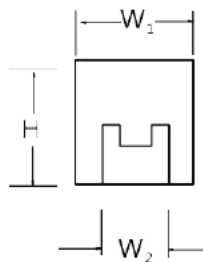
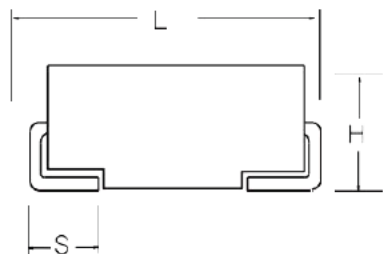
Voltage Range: 2.5V, 4V, 6.3V, 10V, 16V, 20V, 25V, 35V, 50V

Capacitance Tolerance: K: $\pm 10\%$; M: $\pm 20\%$ ($\pm 20\%$ tolerance is standard)

SPQ: A,B case: 2000pcs/reel; C,D case: 500pcs/reel; E case: 400pcs/reel

How to order, please refer to Part Number System

◆ Drawing of CA45 Series



◆ Dimensions (Unit: mm)

Case size	EIA Code	EIA Metric	L	W1	H	S	W2
A	1206	3216-16	3.20 ± 0.20	1.60 ± 0.20	1.60 ± 0.20	0.80 ± 0.20	1.20 ± 0.20
B	1210	3528-19	3.50 ± 0.20	2.80 ± 0.20	1.90 ± 0.20	0.80 ± 0.20	2.20 ± 0.20
C	2312	6032-25	6.00 ± 0.20	3.20 ± 0.20	2.50 ± 0.20	1.30 ± 0.20	2.20 ± 0.20
D	2917	7343-28	7.30 ± 0.20	4.30 ± 0.20	2.80 ± 0.20	1.30 ± 0.20	2.40 ± 0.20
E	2917	7343-43	7.30 ± 0.40	4.30 ± 0.40	4.10 ± 0.40	1.30 ± 0.20	2.40 ± 0.20
V	2924	7361-36	7.30 ± 0.40	6.10 ± 0.40	3.60 ± 0.40	1.35 ± 0.20	3.00 ± 0.20