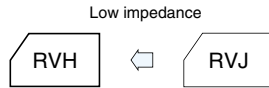


Chip Type, 105°C Use, Low Impedance Capacitors

GREEN CAP SMD Low Impedance 105°C 2000hours Anti-cleaning solvent

- Compatible with surface mounting.
- Supplied with carrier taping.
- Guarantees 2000 hours at 105°C.



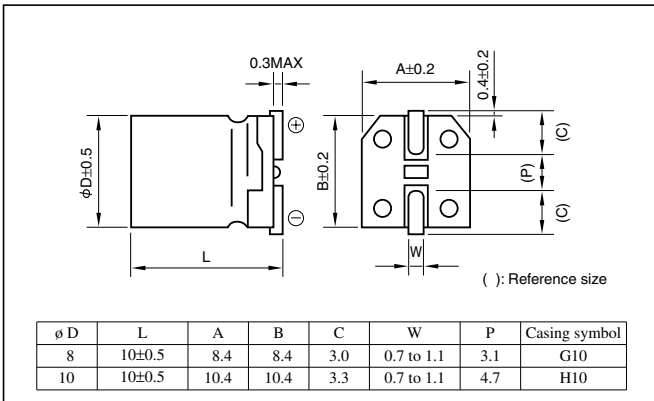
Marking color : White print on a brown sleeve

Specifications

Item	Performance					
Category temperature range (°C)	-55 to +105					
Tolerance at rated capacitance (%)	±20 (20°C, 120Hz)					
Leakage current (µA)	Less than 0.01CV or 3 whichever is larger(after 2 minutes) C: Rated capacitance(µF); V: Rated voltage(V) (20°C)					
Tangent of loss angle (tanδ)	Rated voltage (V)	6.3	10	16	25	35
	tanδ (max.)	0.30	0.26	0.22	0.16	0.13
Characteristics at high and low temperature	Impedance ratio (max.)	Z-25°C / Z+20°C	4	3	2	2
		Z-40°C / Z+20°C	8	5	4	3
Endurance (105°C) (Applied ripple current)	Test time	2000 hours				
	Leakage current	The initial specified value or less				
	Percentage of capacitance change	Within ±20% of initial value				
	Tangent of the loss angle	200% or less of the initial specified value				
Shelf life (105°C)	Test time : 1000 hours; other items are the same as those for the endurance. Voltage application treatment : According to JIS C5101-1					
Applicable standards	JIS C5101-1, -18 1998 (IEC 60384-1 1992, -18 1993)					

Outline Drawing

Unit: mm



- Land pattern size is described on page 10.
- The taping specifications are described on page 11.
- Soldering conditions are described on page 28.

Coefficient of Frequency for Rated Ripple Current

Frequency (Hz)	50 · 60	120	1k	10k · 100k
Coefficient	0.64	0.8	0.93	1

Part numbering system (example: 16V330µF)

RVH	—	16	V	331	M	H10	□	U	□
Series code		Rated voltage symbol		Rated capacitance symbol	Capacitance tolerance symbol	Casing symbol	Additional symbol		Taping symbol

Standard Ratings

Rated voltage (V)	6.3				10				16				25				35			
	Case	Casing symbol	Impedance	Rated ripple current	Case	Casing symbol	Impedance	Rated ripple current	Case	Casing symbol	Impedance	Rated ripple current	Case	Casing symbol	Impedance	Rated ripple current	Case	Casing symbol	Impedance	Rated ripple current
Rated capacitance (µF)	φ D(mm)		Ω	mArms	φ D(mm)		Ω	mArms	φ D(mm)		Ω	mArms	φ D(mm)		Ω	mArms	φ D(mm)		Ω	mArms
47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8x10	G10	0.45	369
100	—	—	—	—	—	—	—	—	—	—	—	—	8x10	G10	0.45	369	10x10	H10	0.25	553
220	—	—	—	—	8x10	G10	0.45	369	—	—	—	—	10x10	H10	0.25	553	—	—	—	—
330	8x10	G10	0.45	369	—	—	—	—	10x10	H10	0.25	553	—	—	—	—	—	—	—	—
470	—	—	—	—	10x10	H10	0.25	553	—	—	—	—	—	—	—	—	—	—	—	—

(Note) Rated ripple current : 105°C, 100kHz ; Impedance : 20°C, 100kHz