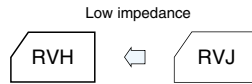


Chip Type, 105°C Use, Low Impedance Capacitors Series RVH

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



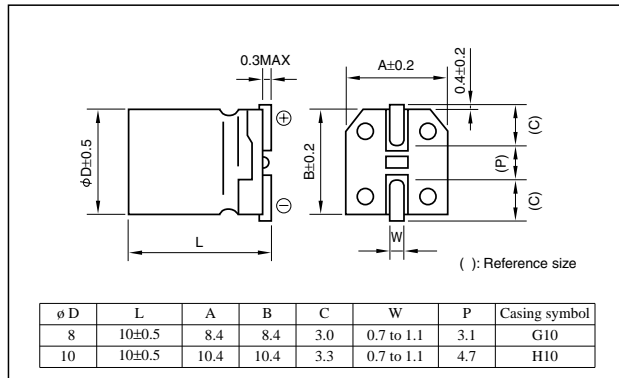
Marking color : White print on a brown sleeve

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	
(20°C, 120Hz)							
Characteristics at high and low temperature	Rated voltage (V)	6.3	10	16	25	35	
	Impedance ratio (max.)	Z-25°C / Z+20°C	4	3	2	2	2
		Z-40°C / Z+20°C	8	5	4	3	3
(120Hz)							
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



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)

Environmental item	RVH	16	V	331	M	H10	U	
Series code	Rated voltage symbol	Rated capacitance symbol	Capacitance tolerance symbol	Casing symbol	Additional symbol	Taping symbol		
Former item	RVH	16	V	331	M	H10		
Series code	Rated voltage symbol	Rated capacitance symbol	Capacitance tolerance symbol	Casing symbol	Additional symbol	Taping symbol		

- Soldering conditions and land size are described on page 14.
- The taping specifications are described on page 15.

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