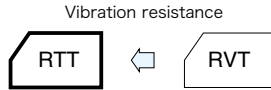


Chip Type 125°C Use, Low ESR, For Vibration Capacitors

- GREEN CAP
- SMD
- Vibration Resistance
- Low ESR
- 125°C 2000hours
- Anti-cleaning solvent

- Compatible with surface mounting.
- For Vibration resistance. (30G guaranteed)
- Supplied with carrier taping.
- Guarantees 2000 hours at 125°C. (φ12.5 or more : 5000h)

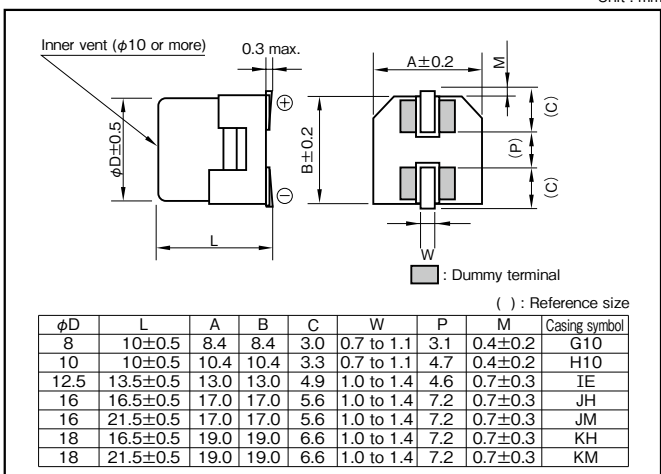


Marking color : Black print

Specifications

Item	Performance
Category temperature range (°C)	-40 to +125
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)
	Tangent of loss angle
Characteristics at high and low temperature	Rated voltage (V)
	Impedance ratio (max.)
Endurance (125°C)	Test time
	Leakage current
	Percentage of capacitance change
	Tangent of loss angle
Shelf life (125°C)	Test time : 1000hours ; other items are same as the endurance. Voltage application treatment : According to JIS C5101-4
Applicable standards	JIS C5101-1 1998, -18 1999 (IEC 60384-1 1992, -18 1993)

Outline Drawing



Coefficient of Frequency for Rated Ripple Current

Frequency (Hz)	120	1k	10k	100k
Rated voltage (V)				
10 to 100	0.77	0.88	0.96	1

Part numbering system

φ8, φ10 (example : 35V100µF)

RTT	35	V	101	M	H10	SU	
Series code	Rated voltage symbol		Rated capacitance symbol	Capacitance tolerance symbol	Casing symbol		Taping symbol

φ12.5 or more (example : 35V1000µF)

RTT	35	V	102	M	KM	T	
Series code	Rated voltage symbol		Rated capacitance symbol	Capacitance tolerance symbol	Casing symbol		Taping symbol

If "Standard (terminal)" type is required, please see the series RVT of page 78.

- Soldering conditions are described on page 15.
- Land pattern size are described on page 13.
- The taping specifications are described on page 16.

Standard Ratings

Rated voltage (V)	Item	10			16			25			35			50			
		Case φD×L (mm)	ESR (Ω max.) 20°C -40°C	Rated ripple current (mAmps)	Case φD×L (mm)	ESR (Ω max.) 20°C -40°C	Rated ripple current (mAmps)	Case φD×L (mm)	ESR (Ω max.) 20°C -40°C	Rated ripple current (mAmps)	Case φD×L (mm)	ESR (Ω max.) 20°C -40°C	Rated ripple current (mAmps)	Case φD×L (mm)	ESR (Ω max.) 20°C -40°C	Rated ripple current (mAmps)	
100	100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
		8×10	0.20	2.0	340	8×10	0.20	2.0	340	8×10	0.15	1.5	500	10×10	0.15	1.5	500
220	220	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
		10×10	0.15	1.5	500	10×10	0.15	1.5	500	10×10	0.15	1.5	500	10×10	0.15	1.5	500
330	330	8×10	0.20	2.0	340	10×10	0.15	1.5	500	10×10	0.15	1.5	500	12.5×13.5	0.086	1.29	750
		10×10	0.15	1.5	500	10×10	0.15	1.5	500	12.5×13.5	0.086	1.29	750	16×16.5	0.060	0.90	1000
470	470	10×10	0.15	1.5	500	12.5×13.5	0.086	1.29	750	12.5×13.5	0.086	1.29	750	16×16.5	0.060	0.90	1000
		12.5×13.5	0.086	1.29	750	12.5×13.5	0.086	1.29	750	16×16.5	0.060	0.90	1000	18×16.5	0.050	0.75	1200
680	680	12.5×13.5	0.086	1.29	750	12.5×13.5	0.086	1.29	750	16×16.5	0.060	0.90	1000	18×16.5	0.050	0.75	1200
		16×16.5	0.060	0.90	1000	18×16.5	0.050	0.75	1200	18×21.5	0.042	0.63	1550	—	—	—	
1000	1000	12.5×13.5	0.086	1.29	750	18×16.5	0.050	0.75	1200	18×21.5	0.042	0.63	1550	—	—	—	
		16×16.5	0.060	0.90	1000	18×16.5	0.050	0.75	1200	—	—	—	—	—	—		
2200	2200	16×16.5	0.060	0.90	1000	18×16.5	0.050	0.75	1200	—	—	—	—	—	—		
		18×16.5	0.050	0.75	1200	18×21.5	0.042	0.63	1550	—	—	—	—	—	—		
3300	3300	18×16.5	0.050	0.75	1200	—	—	—	—	—	—	—	—	—	—		
		18×21.5	0.042	0.63	1550	—	—	—	—	—	—	—	—	—	—		
4700	4700	18×21.5	0.042	0.63	1550	—	—	—	—	—	—	—	—	—	—		
		—	—	—	—	—	—	—	—	—	—	—	—	—	—		

(Note) Rated ripple current : 105°C, 100kHz, ESR : 100kHz