

Chip Type 85°C Capacitors (height:4.5mm)

GREEN CAP

SMD

Anti-cleaning solvent

- Compatible with surface mounting for 4.5mm height capacitors.
- Supplied with carrier taping.
- Guarantees 2000 hours at 85°C.



Low Profile



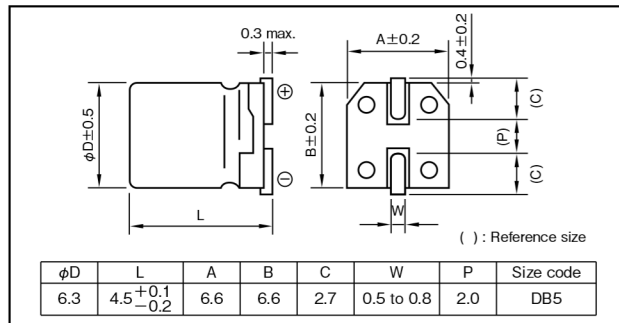
Marking color : Black print

Specifications

Item	Performance
Category temperature range (°C)	-40 to +85
Tolerance at rated capacitance (%)	±20 (20°C, 120Hz)
Leakage current (µA) (max.)	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)
	tanδ (max.)
Characteristics at high and low temperature	Rated voltage (V)
	Impedance ratio (max.)
Endurance (85°C) (Applied ripple current)	Test time
	Leakage current
	Percentage of capacitance change
	Tangent of the loss angle
Shelf life (85°C)	Test time : 1000hours ; other items are same as the endurance. Voltage application treatment : According to JIS C5101-4 4.1
Applicable standards	JIS C5101 - 1, - 18 (IEC 60384 - 1, - 18)

Outline Drawing

Unit : mm



Refer to individual page.

(Soldering conditions, Land pattern size, The taping specifications)

Coefficient of Frequency for Rated Ripple Current

Frequency (Hz)	50 · 60	120	1k	10k · 100k
Rated voltage (V)				
6.3 to 16	0.80	1	1.15	1.25
25 to 35	0.70	1	1.25	1.40
50	0.70	1	1.35	1.50

Product code system : 6.3V100µF (*For general product)

RS*	VV4	101	M	1J	DB5	U
Category code	Series code	capacitance code	Cap tol. code	Voltage code	Size code	Taping and packing code

For details, refer to the various "Product Code System" pages.

Standard Ratings

6.3 (1J)			10 (1L)			16 (1E)			25 (1T)			35 (1G)			50 (1U)		
Rated capacitance (µF)	ESR (Ω)	Rated ripple current (mA _{rms})	Rated capacitance (µF)	ESR (Ω)	Rated ripple current (mA _{rms})	Rated capacitance (µF)	ESR (Ω)	Rated ripple current (mA _{rms})	Rated capacitance (µF)	ESR (Ω)	Rated ripple current (mA _{rms})	Rated capacitance (µF)	ESR (Ω)	Rated ripple current (mA _{rms})	Rated capacitance (µF)	ESR (Ω)	Rated ripple current (mA _{rms})
100	5	76	47	8	59	33	10	55	22	12	49	22	11	52	10	20	35
						47	7	76	33	8	60						

(Note) Rated ripple current : 85°C , 120Hz ; ESR : 20°C , 120Hz