

Chip type 105°C Capacitors(height:4.5mm)

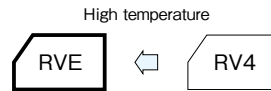
GREEN
CAP

SMD

105°C
1000hours

Anti-
cleaning
solvent

- Compatible with surface mounting for 4.5mm height capacitors.
- Supplied with carrier taping.
- Guarantees 1000 hours 105°C.



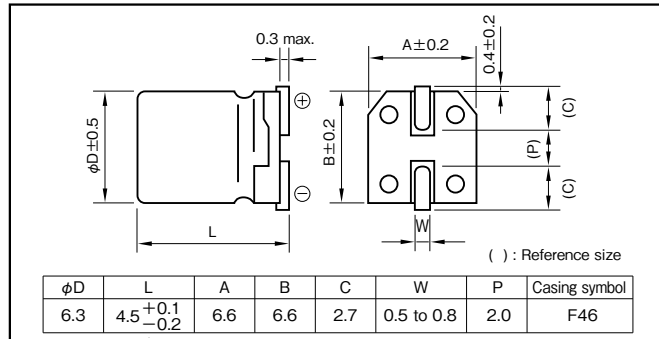
Marking color : Black print

Specifications

Item	Performance						
Category temperature range (°C)	-40 to +105						
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)	6.3	10	16	25	35	50
	tanδ (max.)	0.38	0.32	0.20	0.16	0.14	0.14
	(20°C,120Hz)						
Characteristics at high and low temperature							
	Rated voltage (V)	6.3	10	16	25	35	50
	Impedance ratio (max.)	Z-25°C/Z+20°C	4	3	2	2	2
Z-40°C/Z+20°C		10	8	6	4	3	3
	(120Hz)						
Endurance (105°C) (Applied ripple current)							
	Test time	1000 hours					
	Leakage current	The initial specified value or less					
	Percentage of capacitance change	Within ±20% of initial value (16WV or less:±25%)					
	Tangent of loss angle	300% or less of the initial specified value					
Shelf life (105°C)	Test time : 500hours ; 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	0.80	1	1.25	1.40
50	0.70	1	1.35	1.50

Part numbering system (example : 6.3V100μF)

RVE	—	6	V	101	M	F46	U	—	
Series code		Rated voltage symbol		Rated capacitance symbol	Capacitance tolerance symbol	Casing symbol			Taping symbol

Standard Ratings

Rated voltage (V)		6.3		10		16		25		35		50	
Case φ D (mm)	Case symbol	Rated capacitance (μF)	Rated ripple current (mA rms)	Rated capacitance (μF)	Rated ripple current (mA rms)	Rated capacitance (μF)	Rated ripple current (mA rms)	Rated capacitance (μF)	Rated ripple current (mA rms)	Rated capacitance (μF)	Rated ripple current (mA rms)	Rated capacitance (μF)	Rated ripple current (mA rms)
6.3	F46	100	52	47	40	33	35	22	33	22	36	10	26
						47	44	33	42				

(Note) Rated ripple current : 105°C , 120Hz