



+105°C, Surface Mount Type, High Voltage, 3,000 Hours (高壓貼片品)

FEATURES

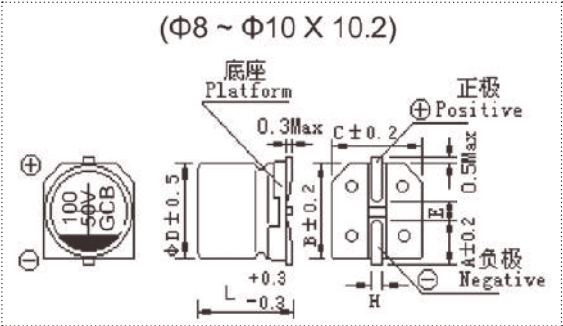
- Life time: 105°C, 3,000Hrs
- Small size, large capacity
- High stability and reliability with high ripple current



SPECIFICATIONS

Item	Performance Characteristics	
Operating Temperature Range	-25 to +105°C	
Rated Working Voltage Range	400V.DC	
Nominal Capacitance Range	2.2 ~ 4.7μF	
Capacitance Tolerance	±20% at 120Hz, +20°C	
Leakage Current	I ≤ 0.04CV + 100(μA) after 1 minute application of rated working voltage at +20°C	
tanδ (120Hz, +20°C)	Working Voltage (V)	400
	tanδ	0.22
Low Temperature Characteristics	Impedance ratio max. at 120Hz	
	Working Voltage (V)	400
	Z-25°C / Z+20°C	6
High Temperature Loading	Test time	3,000 hours
	Test temperature	+105°C
	Test conditions	Rated DC working voltage
	Post test requirements at +20°C	
Shelf Life	Leakage current	≤ Initial specified value
	Cap. change	within ±20% of the initial measured value
	tan δ	≤ 200% of the initial specified value
	At +105°C no voltage applied after 1,000 hours and then being stabilized at +20°C the capacitors shall meet the following limits	
Industrial Standard	Leakage current	≤ 200% of initial specified value
	Cap. change	within ±20% of the initial measured value
	tanδ	≤ 200% of the initial specified value
	JIS C – 5101-4 (IEC 60384-4)	

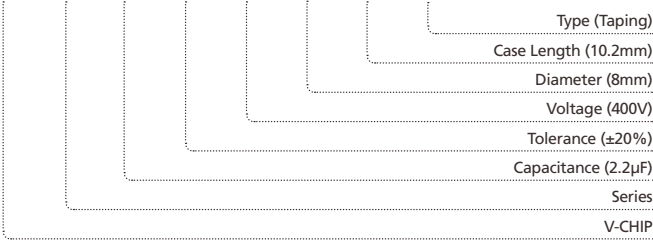
DIMENSIONS & MARKING



Size	Φ8 x 10.2	Φ10 x 10.2
A	2.9	3.2
B	8.3	10.3
C	8.3	10.3
E	3.1	4.5
L	10.2	10.2
H	0.8 ~ 1.1	

PART NUMBER SYSTEM (EXAMPLE: 400V 2.2μF)

1	2 3	4 5 6	7	8 9	10	11 12	13 14
V	TG	225	M	2G	F	T2	TR





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STANDARD RATINGS

Voltage (Code)		400V (2G)	
Cap. (μF)	Code	Case Size	Ripple Current
2.2	225	8 x 10.2	26
3.3	335	10 x 10.2	37
4.7	475	10 x 10.2	39

Maximum Allowable Ripple Current (mA rms) at 105°C 120Hz

Case Size Φ D x L (mm)