

SAMXON®

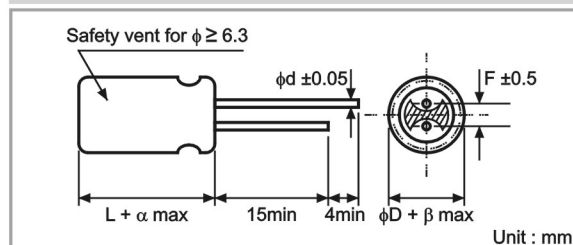
FEATURES

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SPECIFICATIONS

Item	Performance Characteristics		
Operating Temperature Range	-40 to +85°C		
Rated Working Voltage Range	50VDC		
Nominal Capacitance Range	1~68μF		
Capacitance Tolerance	±20% at 1kHz	±10% at 1kHz	
Leakage Current	I = 0.03CV or 3(μA) whichever is greater, after 5 minutes at +20°C		
tan δ (max)	(1kHz)	0.10 or less	0.05 or less
	(5kHz)	0.15 or less	0.05 or less
Allowable Continuous Current (8Ω - fc)	Value in table or less		
Others	JIS C - 5101 (IEC 60384) EIAJ RC - 2372		

CASE SIZE TABLE



ϕD	8	10	12.5	16	18	22			
F	3.5	5.0	5.0	7.5	7.5	10.0			
ϕd	0.6			0.8		1.0			
α	(L < 20) 1.5					(L $\geq$ 20) 2.0			
β	(D < 20) 0.5					(D $\geq$ 20) 1.0			

DIMENSIONS

Voltage (Code)		50V (1H)		Rated ripple (mA rms)		
Cap.(μF)	Code	±20% at 1kHz	±10% at 1kHz	Frequency(Hz)	Cap. Range(±20%)	Cap. Range(±10%)
1	105	8 x 11.5	10 x 20	20k	205	760
1.5	155	8 x 11.5	12.5 x 20	13k	245	800
2.2	225	10 x 12.5	12.5 x 20	9k	320	820
3.3	335	10 x 16	16 x 25	6k	400	850
4.7	475	10 x 20	16 x 25	4.2k	480	890
6.8	685	12.5 x 20	16 x 31.5	2.9k	540	920
10	106	12.5 x 25	18 x 35.5	2k	600	970
15	156	12.5 x 25	22 x 40	1.3k	660	1040
22	226	16 x 25	22 x 40	900	740	1060
33	336	16 x 31.5	25 x 40	600	800	1120
47	476	18 x 35.5	----	420	1020	----
68	686	22 x 40	----	290	1200	----