

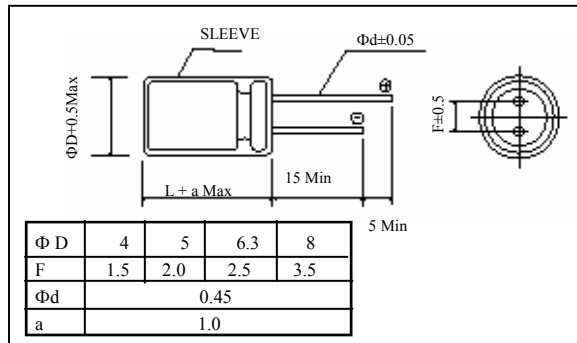
- Load life of 1000 hours at 105°C
- 7mm products
- VTR, video cameras, car radios, micro cassette tape recorder, etc.



## ■ SPECIFICATIONS

Item	Characteristics						
Operating Temperature Range (°C)	-55~+105						
Capacitance Tolerance (25°C, 120Hz)	±20%						
Leakage Current (µA)	0.01CV or 3, whichever is greater. at 25°C, after 2 minutes) C: Nominal Capacitance( µF), V: Rated Voltage (V)						
Dissipation Factor (25°C, 120Hz)	Rated Voltage (V)	6.3	10	16	25	35	50
	tanδ	0.22	0.19	0.16	0.14	0.12	0.10
Temperature Stability (120Hz)	Rated Voltage (V)	6.3	10	16	25	35	50
	Impedance	Z-40°C/Z+20°C		3		2	
	ratio	Z-40°C/Z+20°C		8	5	4	3
Load Life (+105°C)	Time	1000 hours					
	Leakage current	Initial specified value or less					
	Capacitance Change	Within ±20% of the initial value					
	Dissipation factor	Not more than 200% of the specified value					
Shelf Life (+85°C)	500 hours. No voltage applied. After test (V) to be applied for 60 minutes, 24 to 48 hours before measurement.						

## ■ DIMENSIONS



## ■ MULTIPLIER FOR RIPPLE CURRENT

Frequency coefficient		Freq(Hz)			
Rated Volts		50,60	120	1K	10K,100K
6.3~16		0.68	0.72	0.92	1.00
25~35		0.48	0.63	0.80	1.00
50		0.45	0.50	0.70	1.00

Temperature coefficient		
Temperature (°C)	+85	+105
Factor	1.35	1

## ■ STANDARD RATINGS

Cap (µF)	Wv (V)	6.3		10		16		25		35		50	
	Item	Size (mm)	Ripple	Size (mm)	Ripple	Size (mm)	Ripple	Size (mm)	Ripple	Size (mm)	Ripple	Size (mm)	Ripple
		ΦDxL	mArms	ΦDxL	mArms	ΦDxL	mArms	ΦDxL	mArms	ΦDxL	mArms	ΦDxL	mArms
0.1	-	-	-	-	-	-	-	-	-	-	-	4X7	6
0.22	-	-	-	-	-	-	-	-	-	-	-	4X7	8
0.33	-	-	-	-	-	-	-	-	-	-	-	4X7	10
0.47	-	-	-	-	-	-	-	-	-	-	-	4X7	12
1	-	-	-	-	-	-	-	-	-	-	-	4X7	16
2.2	-	-	-	-	-	-	-	-	-	-	-	4X7	25
3.3	-	-	-	-	-	-	-	4X7	21	4X7	23	4X7	28
4.7	-	-	-	-	-	-	-	4X7	25	4X7	25	5X7	48
10	-	-	-	-	-	4X7	39	5X7	47	5X7	48	6.3X7	75
22	-	4X7	42	5X7	49	5X7	54	6.3X7	87	6.3X7	90	-	-
33	-	5X7	52	5X7	60	6.3X7	83	6.3X7	90	-	-	-	-
47	-	5X7	64	6.3X7	95	6.3X7	95	-	-	-	-	-	-
100	-	6.3X7	96	-	-	-	-	-	-	-	-	-	-

Ripple Current: 105°C, 100KHz