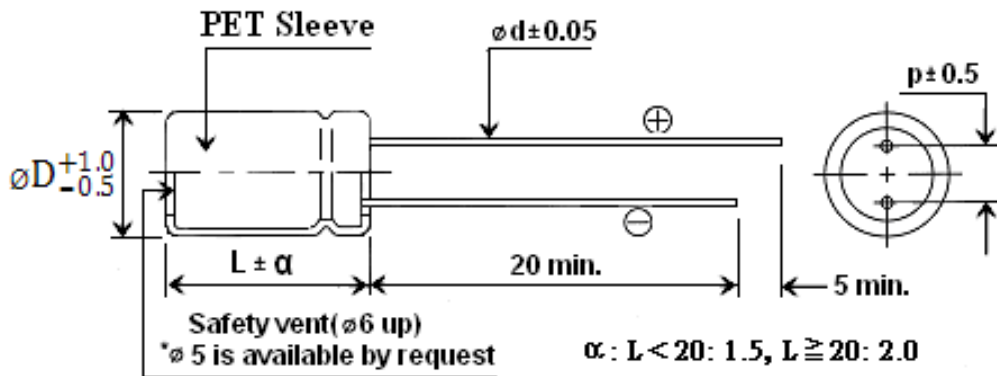


- Suitable for use in slim application.
- Endurance of 105°C, 10,000hrs
- High Ripple Current

Characteristics

Voltage Range	250 ~ 450Vdc					
Capacitance Range	12uF ~ 120uF					
Temperature Range	-25 ~ +105°C					
Leakage Current	$I \leq 3\sqrt{CV}$ (uA) 5 minutes with rated working voltage applied I = Leakage current, C= Rated capacitance, V=Rated voltage					
Capacitance Tolerance	±20% at 120Hz, 20°C (10% Tol. is available upon request)					
Dissipation Factor	Working Voltage (V)	250	350	400	420	450
	tanδ(%) max	20	20	24	25	25
Low temperature Characteristics (120Hz)	Working Voltage (V)	250			350 ~ 450	
	Z-25°C/Z +20°C	3			8	
Load life :	After the rated voltage with ripple current has been applied for 10000 hrs at 105°C	Capacitance change	Within ±20% of initial value			
		D.F. tanδ	200% or less of initial specified value			
		Leakage current	Less than initial specified value			
Shelf life (at 105°C)	After storage for 1000 hours at 105°C with no voltage applied, the capacitor shall meet the specified limit in load life. Pre-treatment for measurement shall be conducted after application of DC working voltage for 30 minutes.					



Drawing

Dφ	8	10	13
p	3.5	5.0	5.0
dφ	0.5	0.6	0.6

Multiplier for Ripple Current vs. Frequency

Frequency (Hz)	50(60)	120	400	1K	50K - 100K	
Coefficient	250~350V	0.8	1.0	1.2	1.3	1.4
	400~450V	0.8	1.0	1.2	1.4	1.5

Case Size & Maximum Permissible Ripple Current

 ϕ DxL(mm)

WV(V) Spec. uF	250		350		400		420		450	
	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple
12			8x30	100	8x30	130	8x30	140	8x30	150
15			8x35	130	8x35	180	8x35	170	8x40	190
22	8x35	140	8x40	165	8x45	230	8x50	250	10x30	220
27	8x40	165	10x30	185	10x30	240	10x35	270	10x40	280
	10x30	165								
33	10x30	180	10x35	200	10x35	290	10x40	370	10x40	360
									13x30	370
39	10x35	210	10x40	285	10x40	400	10x45	410	10x50	410
			13x30	285	13x30	400	13x30	390	13x35	420
47	10x40	280	10x45	340	10x45	450	10x50	420	10x50	420
	13x30	260	13x30	330	13x30	440	13x35	450	13x40	480
56	10x45	330	10x50	380	10x50	520	10x60	530	13x45	530
	13x35	330	13x40	360	13x35	500	13x40	520		
68	10x50	380	10x60	450	13x40	569	13x45	580	13x50	620
	13x35	370	13x40	430						
82	10x60	490	13x45	520	13x45	650	13x50	660	13x55	680
	13x40	465								
100	13x45	500	13x50	580	13x50	680				
120	13x50	580								

Ripple current (m Arms) at 105°C, 120Hz