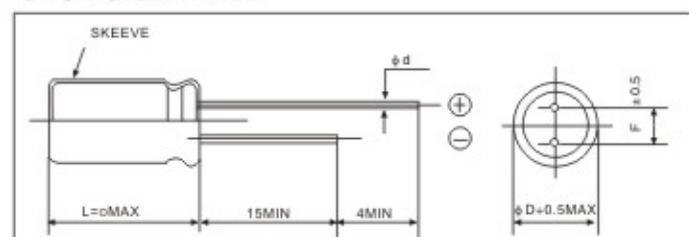


YEE series
+105°C,7mmL,Low Impedance (低阻抗品)
FEATURES

- Low impedance,with 7mm height.
- Wide operating temperature range

SPECIFICATIONS

Items	Characteristics							
Category Temperature Range	-40 ~ +105°C							
Rated Voltage Range	6.3 ~ 50V.DC							
Nominal Capacitance Range	0.1 ~ 470 μF							
Capacitance Tolerance	±20% (120Hz,+20°C)							
Leakage Current(MAX)	I=0.01CV or 3(uA) after 2 minutes whichever is greater measured with rated working voltage at 20°C							
Dissipation Factor(MAX) Tan δ (20°C, 120Hz)	Rated Voltage(V)	6.3	10	16	25	35	50	
	Tan δ	0.18	0.26	0.14	0.12	0.10	0.08	
Load Life	After applying rated voltage with max ripple current for 1000 hrs at 105°C, the capacitors shall meet the following requirements							
	Capacitance Change	Within ± 20% of the initial value						
	Dissipation Factor	Not more than 200% of the specified value						
	Leakage Current	Not more than the specified value						
Shelf Life	After Leaving capacitors under no load at 105°C for 1000hrs, they meet the characteristic requirements listed at right	Capacitance change	Within ± 20% of the initial value					
		Tan δ	≤200% of initial specified value					
		Leakage current	≤ 200% of initial specified value					
Low Temperature Stability Impedance Rate(MAX)	Rated Voltage(V)	6.3	10	16	25	35	50	
	Z-25°C/Z+20°C	2	2	2	2	2	2	
	Z-40°C/Z+20°C	3	3	3	3	3	3	
Other	JISC-5141 EIAJ RC-2372							

CASE SIZE TABLE**RIPPLE CURRENT MULTIPLIER**

Cap(μF)	Frequency(Hz)			
	120	1K	10K	100K
≤180	0.40	0.75	0.90	1.00
≥220	0.50	0.85	0.94	1.00

STANDARD RATINGS

Voltage(code) Item Cap(μF) Code	6.3V(OJ)			10V(1A)			16V(1C)		
	Size	Ripple Current	Impedance	Size	Ripple Current	Impedance	Size	Ripple Current	Impedance
10 106							4x7	70	3.3
22 226	4x7	60	3.5	4x7	70	3.3	4x7	110	1.7
33 336	4x7	110	1.7	4x7	110	1.7	4x7 5x7	130 160	1.5 0.8
47 476	4x7	110	1.7	4x7	160	0.8	5x7	160	0.8
100 107	5x7	160	0.8	5x7	200	0.5	5x7 6.3x7	180 200	0.7 0.5
220 227	6.3x7	200	0.5	6.3x7	230	0.45	6.3x7	275	0.33
330 337	8x7	255	0.4	8x7	285	0.33	8x9	305	0.22
470 477	8x9	285	0.35	8x9	315	0.28	8x9	365	0.20

STANDARD RATINGS

Voltage(code) Item Cap(μF) Code	6.3V(OJ)			10V(1A)			16V(1C)		
	Size	Ripple Current	Impedance	Size	Ripple Current	Impedance	Size	Ripple Current	Impedance
10 106	4x7	70	3.3	5x7	110	1.7	5x7	130	1.5
22 226	4x7 5x7	85 110	2.6 1.7	5x7	160	0.8	6.3x7	240	0.7
33 336	5x7	160	0.8	6.3x7	200	0.5	6.3x7	275	0.45
47 476	5x7 6.3x7	185 230	0.7 0.5	5x7 6.3x7	245 280	0.45 0.42	8x7	340	0.39
100 107	6.3x7 8x7	205 260	0.6 0.5	6.3x7 8x7	295 360	0.4 0.3	8x9	430	0.26
220 227	8x9	310	0.3						

Maximum Allowable Ripple Current(mA rms) at 105°C 100KHz
Maximum Impedance(Ω) at 20°C 100KHz