



Miniature Aluminum Electrolytic Capacitors



FEATURES

1、Nonpolar and superminiature product, 5mm height, suit for use in polarity and change circuits.

SPECIFICATIONS

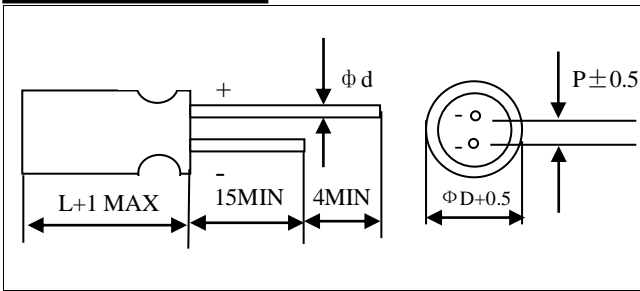
Item	Performance Characteristics																														
Operating Temperature Range	-40 to +105°C																														
Rated Working voltage Range	6.3 to 50V																														
Nominal Capacitance Range	0.1 to 47(uF)																														
Capacitance Tolerance	±20% (120Hz, +20°C)																														
Leakage Current	$I \leq 0.05CV$ or 10(uA) Whichever is greater measured after 2minutes application of rated working voltage at +20°C																														
Dissipation Factor $\tan \delta$ (120Hz+20°C)	<table border="1"> <thead> <tr> <th>Working voltage(V)</th> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> </tr> </thead> <tbody> <tr> <td>$\tan \delta$ (max.)</td> <td>0.24</td> <td>0.20</td> <td>0.17</td> <td>0.17</td> <td>0.15</td> <td>0.15</td> </tr> </tbody> </table>	Working voltage(V)	6.3	10	16	25	35	50	$\tan \delta$ (max.)	0.24	0.20	0.17	0.17	0.15	0.15																
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High temperature Loading	Test conditions Duration : 2000 hours Ambient temperature : +105°C Applied voltage : Rated DC working voltage to polarity every 250 hours Post test requirements at +20°C Leakage current : ≤ Initial specified value Capacitance change : ≤ ±20% of initial measured value $\tan \delta$: ≤ 200% of initial specified value																														
Shelf life	Test conditions Duration : 1000 hours Ambient temperature : +105°C Applied voltage : (None) Post test requirements at +20°C Leakage current : ≤ Initial specified value Capacitance change : ≤ ±20% of initial measured value $\tan \delta$: ≤ ±20% of initial specified value																														
Others	JIS C-5141 JIS C-5102																														



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CASE SIZE TABLE

Unit:mm



Dφ	4	5	6.3
P	1.5	2.0	2.5
dφ (±0.05)	0.45		

DIMENSIONS

ΦD×L(mm)

WV(SV) Cap.(uF)	Code	6.3V(8)		10V(13)		16V(20)		25V(32)	
		0J		1A		1C		1E	
3.3	335							5×5	11
4.7	475					4×5	10	5×5	15
10	106			4×5	16	5×5	22	6.3×5	25
22	226	5×5	26	6.3×5	32	6.3×5	35		
33	336	6.3×5	35	6.3×5	40	6.3×5	46		
47	476	6.3×5	43					Case size	Allowable ripple

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

ΦD×L(mm)

WV(SV) Cap.(uF)	Code	35V(44)		50V(63)	
		1V		1H	
0.1	104			4×5	1.0
0.22	224			4×5	2.0
0.33	334			4×5	2.8
0.47	474			4×5	4.0
1	105			4×5	8.2
2.2	225	4×5	8.2	5×5	12
3.3	335	5×5	15	5×5	16
4.7	475	5×5	16	6.3×5	20
10	106	6.3×5	27	Case size	Allowable ripple

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