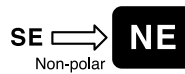
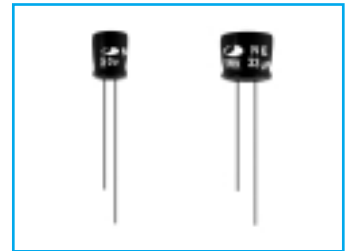
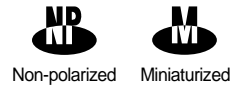


MINIATURE ALUMINUM ELECTROLYTIC CAPACITORS



NE Non-Polarized, Height 5mm Series

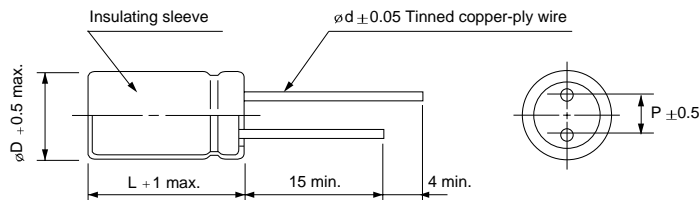
- Non-polarized and low profile series with 5mm height
- Uniquely designed for use in lightweight and portable equipment



Item	Characteristics						
Operating temperature range	-40 ~ +85°C						
Leakage current max.	I = 0.05CV or 10 μ A whichever is greater (after 2 minutes)						
Capacitance tolerance	$\pm 20\%$ at 120Hz, 20°C						
Dissipation factor max. (at 120Hz, 20°C)	WV	6.3	10	16	25	35	50
	tan δ	0.24	0.20	0.17	0.17	0.15	0.15
Low temperature characteristics (Impedance ratio at 120Hz)	WV	6.3	10	16, 25	35, 50		
	Z-25°C/Z+20°C	4	3	2	2		
	Z-40°C/Z+20°C	8	6	4	3		
Load life (after application of the rated voltage for 1000 hours at 85°C)	Leakage current	Less than specified value					
	Capacitance change	Within $\pm 20\%$ of initial value					
	tan δ	Less than 200% of specified value					
	Test method	Polarity reverse each 250 hours					
Shelf life (at 85°C)	After 500 hours no load test, leakage current, capacitance and tan δ are same as load life value.						

DRAWING

Unit : mm



ϕ D	4	5	6.3
P	1.5	2.0	2.5
ϕ d	0.45	0.45	0.45

DIMENSIONS & MAXIMUM PERMISSIBLE RIPPLE CURRENT

μ F \ WV	6.3		10		16		25		35		50	
0.1											4 x 5	3.2
0.15											4 x 5	3.9
0.22											4 x 5	4.7
0.33											4 x 5	5.8
0.47											4 x 5	6.9
0.68											4 x 5	8.3
1.0											4 x 5	10
1.5											4 x 5	12
2.2							4 x 5	14	4 x 5	15	5 x 5	17
3.3							5 x 5	20	5 x 5	21	5 x 5	21
4.7					4 x 5	21	5 x 5	24	5 x 5	25	6.3 x 5	30
6.8					5 x 5	29	6.3 x 5	33	6.3 x 5	36	6.3 x 5	36
10			4 x 5	28	5 x 5	35	6.3 x 5	41	6.3 x 5	43		
15	4 x 5	31	5 x 5	39	6.3 x 5	50						
22	5 x 5	43	6.3 x 5	55	6.3 x 5	60						
33	6.3 x 5	62	6.3 x 5	68								
47	6.3 x 5	74										

↑ ↑
 Ripple current (mA rms) at 85°C, 120Hz
 Case size ϕ D x L (mm)