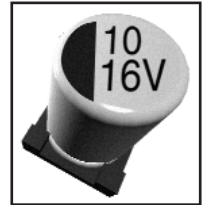




SURFACE MOUNT TYPE, LONG LIFE

FEATURES

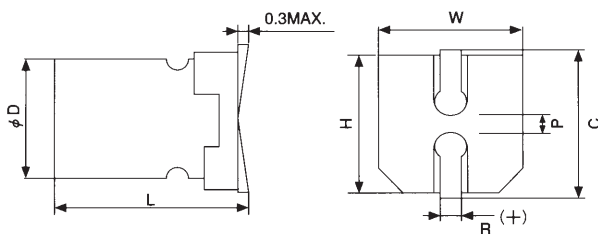
- CAE-LL SERIES IS LONG LIFE. (105°C 2000HRS)
- SOLVENT PROOF (WITHIN 2 MINUTES).



SPECIFICATIONS

ITEMS		SPECIFICATIONS					
RATED VOLTAGE (V)		6.3	10	16	25	35	50
OPERATING TEMPERATURE RANGE (°C)		-40 to +105°C					
CAPACITANCE TOLERANCE (%)		±20 (120HZ)					
TANGENT OF LOSS ANGLE (TAN δ) (MAX.) (120HZ)		0.30	0.24	0.20	0.16	0.14	0.14
LEAKAGE CURRENT (L.C.) (µA/AFTER 2MIN.) (MAX.)		The greater value of either 0.01CV or 3					
IMPEDANCE (120HZ) RATIO AT LOW TEMPERATURE (MAX.)	Z-25°C/Z20°C	4	3	2	2	2	2
	Z-40°C/Z20°C	8	6	4	4	3	3
HIGH TEMPERATURE LOAD 105°C 2000hrs.	Δ C/C	Within ± 25% of the initial value					
	tan δ	≤ 2.5 times the initial standard					
RATED VOLTAGE APPLIED	L.C.	≤ The initial standard					
RESISTANCE TO SOLDERING HEAT	TEST	Capacitors placed on a 250°C hot plate for 30 seconds with their electrode terminals facing downward will fulfill the following conditions after being cooled to room temperature.					
	Δ C/C	Within ± 10% of the initial value					
	tan δ	≤ The initial standard					
	L.C.	≤ The initial standard					
OTHER CHARACTERISTICS		Conform to IEC 60384-18					

DIMENSIONS



(unit ; mm)

D ^{+0.5MAX.}	L ^{+0.3 -0.2}	W ^{+0.2}	H ^{+0.2}	C ^{+0.2}	R	P ^{+0.2}
4	6.0	4.3	4.3	5.0	0.5 to 0.8	1.0
5	6.0	5.3	5.3	6.0	0.5 to 0.8	1.4
6.3	6.0	6.6	6.6	7.3	0.5 to 0.8	2.2
6.3	7.7	6.6	6.6	7.3	0.5 to 0.8	2.2
8	10.2	8.3	8.3	9.0	1.1 to 1.4	3.2
10	10.2	10.3	10.3	11.0	1.1 to 1.4	4.6

DIMENSIONS

µF \ V	6.3	10	16	25	35	50
0.10						4x6.0 0.7
0.22						4x6.0 1.6
0.33						4x6.0 2.5
0.47						4x6.0 3.5
1.0						4x6.0 7
2.2						4x6.0 11
3.3						4x6.0 13
4.7				4x6.0 13	4x6.0 15	5x6.0 19
10			4x6.0 18	5x6.0 23	5x6.0 25	6.3x6.0 32
22	4x6.0 22	5x6.0 27	5x6.0 30	6.3x6.0 42	6.3x6.0 44	6.3x7.7 60
33	5x6.0 30	5x6.0 35	6.3x6.0 44	6.3x6.0 58	6.3x7.7 77	8x10.2 140
47	5x6.0 36	6.3x6.0 46	6.3x6.0 60	6.3x7.7 91	8x10.2 150	8x10.2 150
100	6.3x6.0 67	6.3x6.0 62	6.3x7.7 95	8x10.2 150	8x10.2 160	10x10.2 220
220	6.3x7.7 105	8x10.2 175	8x10.2 175	8x10.2 195	10x10.2 290	
330	8x10.2 195	8x10.2 195	8x10.2 210	10x10.2 290		
470	8x10.2 210	8x10.2 210	10x10.2 290			
680		10x10.2 300				
1000	10x10.2 300					

Model No.
16CAE47LL
47µF, Capacitance symbol
16V, Rated voltage

φDXL
Ripple Current
mA r.m.s.
(120Hz, 105°C)