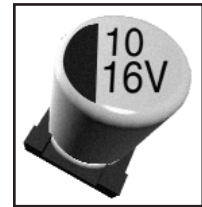




SURFACE MOUNT TYPE MINIATURE, LOW PROFILE 4.5MM HEIGHT

FEATURES

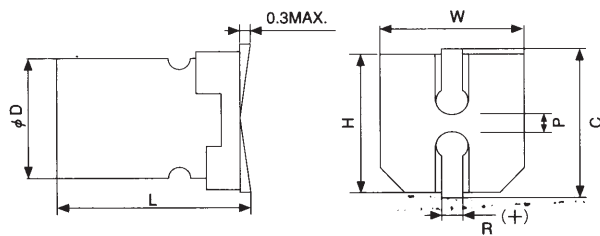
- CAE-LP SERIES REALIZES LOWER PROFILE MODEL OF 4.6MM MAX. HEIGHT THAN STANDARD CAE-HCV SERIES OF 5.4MM.
- CAE-LP SERIES CONTRIBUTES TOWARD MINIATURIZATION OF ANY PRODUCTS. SOLVENT PROOF (WITHIN 2 MINUTES)



SPECIFICATIONS

ITEMS		SPECIFICATIONS						
RATED VOLTAGE (V)		4	6.3	10	16	25	35	50
OPERATING TEMPERATURE RANGE (°C)		-40 to +85						
CAPACITANCE TOLERANCE (%)		±20 (120Hz)						
TANGENT OF LOSS ANGLE (TAN δ) (MAX.) (120HZ)		0.40	0.30	0.24	0.20	0.16	0.14	0.12
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	7	4	3	2	2	2	2
	Z-40°C/Z20°C	15	10	8	6	4	4	4
HIGH TEMPERATURE LOAD 85°C 1000hrs. RATED VOLTAGE APPLIED	Δ C/C	Within ± 25% of the initial value						
	tan δ	≤ Twice the initial standard						
	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 ^{+0.1 -0.2}	W ^{+0.2}	H ^{+0.2}	C ^{+0.2}	R	P ^{+0.2}
4	4.5	4.3	4.3	5.0	0.5 to 0.8	1.0
5	4.5	5.3	5.3	6.0	0.5 to 0.8	1.4
6.3	4.5	6.6	6.6	7.3	0.5 to 0.8	2.2

DIMENSIONS

µF \ V	4	6.3	10	16	25	35	50
0.10							4x4.5 1.0
0.22							4x4.5 2.0
0.33							4x4.5 2.8
0.47							4x4.5 4.0
1.0							4x4.5 8.4
2.2							4x4.5 14
3.3							4x4.5 17
4.7					4x4.5 17	4x4.5 18	5x4.5 21
10				4x4.5 23	5x4.5 27	5x4.5 29	6.3x4.5 33
22		4x4.5 28	5x4.5 33	5x4.5 37	6.3x4.5 47	6.3x4.5 49	
33	4x4.5 28	5x4.5 37	5x4.5 41	6.3x4.5 51	6.3x4.5 57		
47	4x4.5 33	5x4.5 45	6.3x4.5 53	6.3x4.5 61			
100	5x4.5 56	6.3x4.5 70	6.3x4.5 74				
220	6.3x4.5 96						

Model No.
16CAE10UWT
└─┬─┘ 10µF, Capacitance symbol
└──┘ 16V, Rated voltage

└─┬─┘ øDXL
└──┘ Ripple Current
mA r.m.s.
(120Hz, 85°C)