

KL 长寿命标准品

● 105°C, 5000小时品

105°C, 5000hours

● 高耐溶性

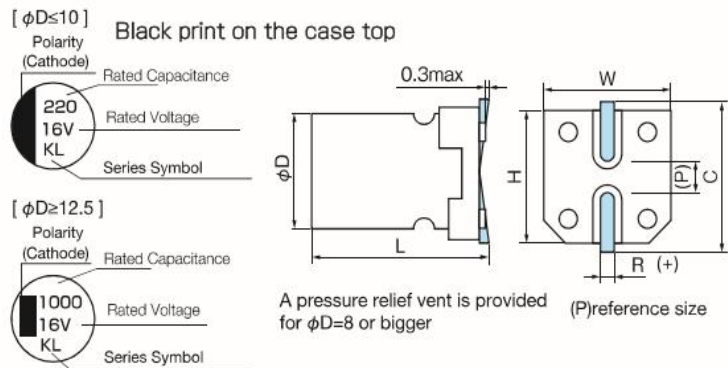
Available for solvent proof



Specifications

Items	Characteristics										
Operating temperature range	-55°C~+105°C										
Rated voltage range	6.3V~100V DC										
Nominal capacitance tolerance	0.47 μF~3300 μF										
Capacitance tolerance	±20% (120Hz·20°C)										
leakage current(20°C)	I ≤ 0.01CV or 3 μA (whichever is greater) after 2 minute										
	I: Leakage current C: Normal capacitance V: Rated voltage										
Dissipation factor (120Hz·20°C)	Rated voltage(V)	6.3	10	16	25	35	50	63	80	100	Φ4 to Φ10 Φ12.5 to Φ16
	tgδ(MAX)	0.3	0.24	0.2	0.18	0.16	0.14	0.14	0.14	0.14	
		0.38	0.34	0.3	0.28	0.22	0.18	0.16	0.16	0.16	
	When capacitance is more than 1000 μF, tg δ will add 0.02 per 1000 μF addition.										
Low temperature characteristics (Impedance ratio max. at 120Hz)	Rated voltage(v)	6.3	10	16	25	35	50	63	80	100	
	Z-25°C/Z+20°C	7	4	3	2	2	2	2	2	2	
	Z-55°C/Z+20°C	15	8	6	4	4	4	3	3	3	
Load Life	After applying rated for 5000 hours										
	at 105°C then resumed 16 hours:										
	Capacitance change	Within ±30% of the initial measured value									
	tgδ	≤ 300% of the initial specified value									
	Leakage current	≤ initial specified value									
Shelf Life	After storage for 1000 hours at 105°C then resumed 16 hours:										
	Capacitance change	Within ±30% of the initial measured value									
	tgδ	≤ 300% of the initial specified value									
	Leakage current	≤ 200% of the initial specified value									

Diagram of Dimensions



D±0.5	L	W±0.2	H±0.2	C±0.2	R	P±0.2
4.0	5.8±0.4	4.3	4.3	5.1	0.5~0.8	1
5.0	5.8±0.4	5.3	5.3	6.1	0.5~0.8	1.3
6.3	5.8±0.4	6.6	6.6	7.3	0.5~0.8	2.2
6.3	7.7±0.4	6.6	6.6	7.3	0.5~0.8	2.2
8.0	10.5±0.5	8.3	8.3	9.2	0.7~1.2	3.1
10.0	10.5±0.5	10.3	10.3	11.2	0.7~1.2	4.4
10.0	13.5±0.5	10.3	10.3	11.2	0.7~1.2	4.4
12.5	13.5±0.5	13	13	14.0	1.0~1.4	4.4
12.5	16±0.5	13	13	14.0	1.0~1.4	4.4
16.0	16±0.5	17	17	18.0	1.0~1.4	6.4

