KF (CD26K)

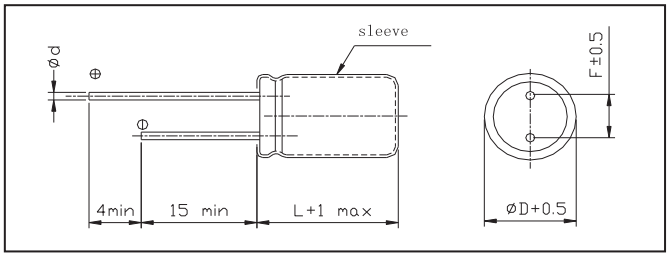
◎ 5mmL, 105°C
◎ Used in locomotive communication, pocked intercom telephone and car audio circuits, etc.
◎ Adapted to the ROHS directive (2002/95/EC).

Specifications

Item	Performance Characteristics
Operating temperature range	-40 ~ +105°C
Rated voltage range	4 ~ 50V
Nominal capacitance range	0.1 ~ 100μF
Capacitance tolerance	± 20% (120Hz, +20°C)
Leakage current	I ≤0.01CV or 3(μA) (at 20°C,after 2 minutes)(whichever is greater)
(tg δ) Dissipation factor (+20°C, 120Hz)	U_R (V): 4 / 6.3 / 10 / 16 / 25 / 35 / 50 tg δ: 0.35 / 0.26 / 0.22 / 0.18 / 0.16 / 0.14 / 0.12
Temperature Characteristics (Impedance ratio at 120Hz)	U_R (V): 4 / 6.3 / 10 / 16 / 25 / 35 / 50 Z-25°C／Z+20°C: 7 / 4 / 3 / 2 / 2 / 2 / 2 Z-40°C／Z+20°C: 15 / 10 / 8 / 6 / 4 / 3 / 3
Load life	After applying rated voltage for 1000 hours at +105°C and then resumed 16 hours: Capacitance change : ±25% Initial measured value (4V:≤±30%) Leakage current : ≤ Initial specified value Dissipation factor : ≤ 2 times Initial specified value
Shelf life	After storage for 1000 hours at +105°C and then resumed 16 hours Capacitance change : ±25% Initial measured value (4V:≤±30%) Leakage current : ≤ 2 times Initial specified value Dissipation factor : ≤ 2 times Initial specified value

Case size table

Unit: mm



D	4	5	6
F	1.5	2.0	2.5
d	0.45		

Dimensions

ØD x L(mm)

C_R(μF) \ U_R	Code	4V		6.3V		10V		16V		25V		35V		50V	
		0G		0J		1A		1C		1E		1V		1H	
0.1	0R1													4x5	1.0
0.22	R22													4x5	2.6
0.33	R33													4x5	3.2
0.47	R47													4x5	3.8
1	010													4x5	6.2
2.2	2R2													4x5	11
3.3	3R3													4x5	14
4.7	4R7									4x5	13	4x5	15	5x5	19
10	100					4x5	15	4x5	18	5x5	23	5x5	25	6x5	30
22	220	4x5	22	4x5	22	5x5	27	5x5	30	6x5	38	6x5	48		
33	330	5x5	30	5x5	30	5x5	35	6x5	40	6x5	48				
47	470	5x5	36	5x5	36	6x5	46	6x5	50						
100	101	6x5	60	6x5	60										

Rated ripple current(mA,+105°C,120Hz)