

CD26L SERIES

Features

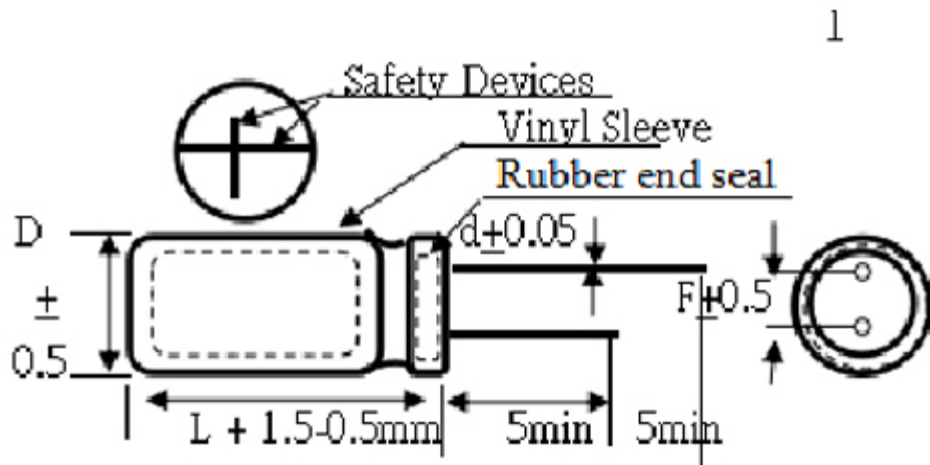
- Small size, Low leakage current
- After placed no-load condition under high temperature, or long storage period under normal temperature, the series can still keep good low leakage current.
- LX series is fit for those electronic products which require high
- temperature. clip, Suitable for Hi-Fi pre-amplifiers and TV



Specifications

Operating temperature	-40°+105°C							
Rated voltage range	6.3-63V DC							
Nominal capacitance	0.1-33000uF							
Capacitance tolerance	±20%(25 °C ,120Hz)							
Leakage current	1≤0.002CnUn(HA)或 0.4uA, Whichever is greater(2minutes)							
Dissipation factor(tg δ)	Un(V)	6.3	10	16	25	35	50	63
	TG δ	0.26	0.22	0.2	0.16	0.14	0.12	0.1
Dissipation factor25°C 120H2)	0.02 is added to every 1000 F increase over 1000uF							
Temperature Characteristics (120HZ)	UR(V)	6.3	10	16	25	35	50	63
	-40°C /z+20°C	7	5	5	4	4	4	4
Load life	After appyng rated voltage with specified ripple current for 1000hours at+105°C and then resumed 16hours; Capacitance change: Within+20% of the initial measured value Loakage current: Not more than the initial specified value							
Shelf life	After storage for 1000hours at +85°C then resumed 16hours; Capacitance change: With 20% of the initial measured value Leakage current: Not more than 200% of the initial specified value Dissipation factor: Not more than 120% of the initial specified value							

Case size table



Unit:mm

ΦD	5	6	8	10	12	13	16/18
F	2.0	2.5	3.5	5.0			7.5
Φd	0.5			0.6			0.8
α	1.0			1.5			2.0

How to order

CD26L	2	470	M	630	B	8X12
Series code	Number of characters for capacitance (47uF=2, 470uF=3, 4700uF=4)	Capacitance (47uF=470, 3300uF=332, 33000uF=333)	Capacitance tolerance (M+-20%, K +-10%)	Voltage code (6.3V=6R3, 10V= 100, 63V=630, 100V=101)	Package (B: Bulk pack, A: Ammo Pack)	Size code

Environmental

RoHS declaration (6/6) complies with the requirements of Directive 2002/95/EC, which stipulates the use of 100% Sn solder, gold plated or non-magnetic 100% Sn solder

Application

Computer	PC Power	Measuring instruments	Telecom Infrastructure

Nominal capacitance, rated voltage, rated ripple current and case size table

Cr(μF) \ Item	6.3		10		16		25	
	D×L (mm)	Ripple (mA)	D×L (mm)	Ripple (mA)	D×L (mm)	Ripple (mA)	D×L (mm)	Ripple (mA)
4.7							5×11	24
10					5×11	32	5×11	35
22					5×11	52	5×11	58
33	5×11	51	5×11	60	5×11	64	5×12	80
47	5×11	67	5×11	70	8×12	85	6×11	95
100	5×11	110	6×11	110	8×14	140	8×11	180
220	6×12	180	8×11	220	8×14	270	10×15	330
330	8×11	250	8×14	300	10×15	350	10×20	410
470	8×12	330	10×15	400	10×15	480	12×20	560
1000	10×15	550	10×20	720	13×20	750	13×25	800
2200	13×20	900	13×25	1200	16×25	1300	16×25	1400
3300	13×25	1200						

Cr(μF) \ Item	35		50		63	
	D×L (mm)	Ripple (mA)	D×L (mm)	Ripple (mA)	D×L (mm)	Ripple (mA)
0.1			5×11	4		
0.22			5×11	6		
0.33			5×11	7		
0.17			5×11	8		
1			5×11	12	5×11	9
2.2			5×11	18	5×11	16
3.3			5×11	22	6×11	21
4.7	5×11	25	5×11	29	8×11	30
10	5×11	41	6×11	so	8×12	52
22	5×12	70	8×11	80	10×15	82
33	6×12	85	8×12	110	10×20	113
47	8×11	110	8×14	140	12×20	149
100	8×12	200	10×20	220	16×25	245
200	10×15	340	13×25	410	16×35	480
330	10×20	450	16×25	560		
470	13×20	560	16×30	730		
1000	16×25	950				
2000	18×35	2000				