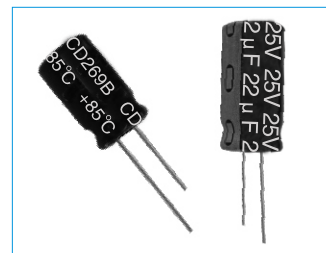


CD269B Series

- Bi-polarized capacitor, having low dissipation and high ripple current capability at high frequency, suited for use in horizontal current correction circuits in various TV sets

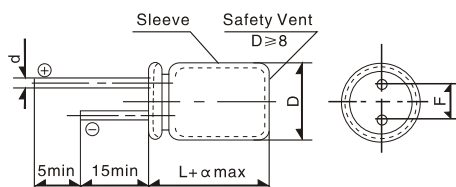


CD269B → **CDS**
Wide temp.

Specifications

Item	Characteristics	
Operating Temperature Range	-25°C ~ +85°C	
Rated Voltage Range	25V~100V	
Nominal Capacitance Range	2.2 µ F~10 µ F	
Capacitance Tolerance	K (± 10%);M(± 20%) (20°C,120Hz)	
Leakage Current	$I \leq 100$ (µ A) (20°C, after 5 minutes)	
Dissipation Factor (Max)	$\tan \delta \leq 0.05$ (20°C,120Hz)	
Load Life	After 1000 hour' application of 12V.DC(rated voltage:25V to 50V)or 50V.DC (rated voltage:100V)with rated ripple current at 85°C, and reverse polarity every 125 hours,the capacitors shall meet the following requirement:	
	Capacitance change	Within ± 20% of the initial value .
	Dissipation factor	Not more than 200% of the initial specified value.
	Leakage current	Not more than the initial specified value.
Shelf Life	After storage for 500 hours at +85°C,the capacitors shall meet the requirement of load life above .	

Dimensions



	(mm)					
$D \pm 1.0$	12.5		16		18	
L	20	25	25	31.5	35.5	40
$F \pm 0.5$	5.0		7.5			
$d \pm 0.1$	0.6		0.8			
α	2.0					

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

U_R (V) Item C_R (µ F)	25		50		100	
	D × L mm	I~	D × L mm	I~	D × L mm	I~
2.2	12.5 × 20	3500	12.5 × 25	4000		
3.3	12.5 × 20	4000	16 × 25	5500		
4.7	12.5 × 20	5000	16 × 31.5	7000		
6.8	16 × 25	7500	↑ Rated ripple current (mA P-P)(85°C, 15.75kHz)			
8.2	16 × 31.5	9000				
10	16 × 35.5	11000			16 × 25	10000
					18 × 40	13000