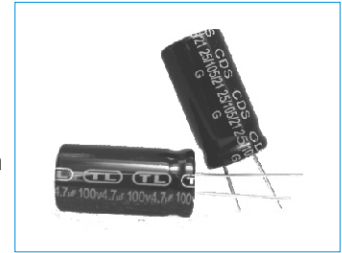


CDS Series

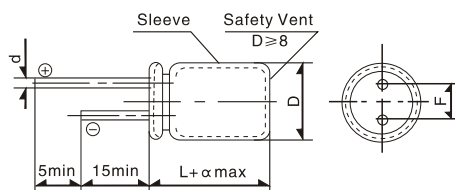
- Bi-polarized capacitor, having low dissipation having high temperature and high ripple current capability, suited for use in horizontal current correction circuits in various TV sets
- Load life of 1000 hours at 105°C
- Specifications

CD269B \Rightarrow CDS
Wide temp.



Item	Characteristics						
Operating Temperature Range	-25°C ~ +105°C						
Rated Voltage Range	50V~100V						
Nominal Capacitance Range	1 μ F~33 μ F						
Capacitance Tolerance	M($\pm 20\%$) (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 50V.DC voltage rated ripple current at 105°C, reverse polarity every 125 hours,the capacitors shall meet the following requirement:						
	<table border="1"> <tr> <td>Capacitance change</td> <td>Within $\pm 20\%$ of the initial value .</td> </tr> <tr> <td>Dissipation factor</td> <td>Not more than 200% of the initial specified value.</td> </tr> <tr> <td>Leakage current</td> <td>Not more than the initial specified value.</td> </tr> </table>	Capacitance change	Within $\pm 20\%$ of the initial value .	Dissipation factor	Not more than 200% of the initial specified value.	Leakage current	Not more than the initial specified value.
	Capacitance change	Within $\pm 20\%$ 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 +105°C,the capacitor shall meet the requirement of load life above .						

Dimensions



	(mm)					
D ± 1.0	8	10	12.5	16		
L	11.5	20	25	25	35.5	40
F ± 0.5	3.5	5.0		7.5		
d ± 0.1	0.6			0.8		
α	1.5		2.0			

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

U _R (V) Item	50		100	
	D x L mm	I _r (mAP-P)(105°C, 15.75kHz)	D x L mm	I _r (mAP-P)(105°C, 15.75kHz)
1	8 x 11.5	1120	10 x 20	1660
4.7			12.5 x 25	4500
6.8	16 x 35.5	1350		
10			16 x 25	9000
22			16 x 35.5	15500
33			16 x 40	20000