

CDS/CDSH SERIES



ALUMINUM ELECTROLYTIC CAPACITORS

- CDS: Load life of 1000 hours at 85°C
- CDSH: Load life of 1000 hours at 105°C
- Bi-polarized, High frequency, Small loss
- Used for S correction of horizontal deflection circuits
- High and stable quality



■ SPECIFICATIONS

Item	Characteristics								
Operating Temperature Range(°C)	-40~+85(CDSH: -40~+105)								
Rated voltage Range (V)	25~100								
Nominal capacitance range (μF)	1~15								
Capacitance Tolerance(20°C,120Hz)	±20%								
Leakage current (μA)	I≤100(at 20°C,after 2 minutes)								
Dissipation Factor(20°C,120Hz)	tanδ≤0.05								
Load Life(+85°C,CDSH: +105°C)	<table border="1"> <tr> <td>Time</td> <td>1000 hours (with the polarity inverted every 250hours)</td> </tr> <tr> <td>Leakage Current</td> <td>Not more than the specified value.</td> </tr> <tr> <td>Capacitance Change</td> <td>Within ±15% of the initial value.</td> </tr> <tr> <td>Dissipation Factor</td> <td>Not more than 200% of the specified value.</td> </tr> </table>	Time	1000 hours (with the polarity inverted every 250hours)	Leakage Current	Not more than the specified value.	Capacitance Change	Within ±15% of the initial value.	Dissipation Factor	Not more than 200% of the specified value.
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	Capacitance Change	Within ±15% of the initial value.							
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Shelf Life(+85°C,CDSH: +105°C)	<table border="1"> <tr> <td>Time</td> <td>500 hours</td> </tr> <tr> <td>Leakage Current</td> <td>Not more than the specified value.</td> </tr> <tr> <td>Capacitance Change</td> <td>Within ±15% of the initial value.</td> </tr> <tr> <td>Dissipation Factor</td> <td>Not more than 200% of the specified value.</td> </tr> </table>	Time	500 hours	Leakage Current	Not more than the specified value.	Capacitance Change	Within ±15% of the initial value.	Dissipation Factor	Not more than 200% of the specified value.
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Dissipation Factor	Not more than 200% of the specified value.								
After test: Rated voltage to be applied for 30 minutes, 24 to 48 hours before measurement.									

■ DIMENSIONS

MM

Lead spacing and diameter

D±1.0	10	12.5	16
F±0.5	5	5	7.5
d±0.1	0.6	0.6	0.8
a	0~+2.0		

■ STANDARD RATINGS

WV(V)	25	50	100
Cap(μF)	Size	Size	Size
	ΦDxL(mm)	ΦDxL(mm)	ΦDxL(mm)
1	10x20	10X20	-
2.2	12.5x20	12.5X25	-
3.3	12.5x25	12.5X25	10X20
4.7	12.5x25	12.5X25 16X25	12.5X25
6.8	16x25	16X31.5	-
10	16x25	16X31.5	16X25
15	-	-	16X31.5

■ The specific capacitance and case size are available on request.