

CD98SK SERIES



ALUMINUM ELECTROLYTIC CAPACITORS

- Load life of 3000 hours at 85°C
- Large capacitance, High ripple current used for car audio system



SPECIFICATIONS

Item	Characteristics						
Operating Temperature Range(°C)	-40~+85						
Rated Voltage Range (V)	16, 20, 25						
Nominal Capacitance Range (μF)	500000~2000000						
Capacitance Tolerance(20°C,120Hz)	±20%						
Max ESR (mΩ)(20°C,120Hz)	30						
Max impedance (mΩ)(20°C,120Hz)	21						
Leakage current(20°C)	$I \leq 3\sqrt{CV}$ (uA) (at 20°C,after 5 minutes) C: Nominal capacitance (μF) V: Rated voltage (V)						
Load Life(+85°C)	<table border="1"> <tr> <td>Time</td> <td>3000 hours.</td> </tr> <tr> <td>Leakage Current</td> <td>Not more than the initial specified value.</td> </tr> <tr> <td>Capacitance Change</td> <td>Within ±20% of the initial value.</td> </tr> </table>	Time	3000 hours.	Leakage Current	Not more than the initial specified value.	Capacitance Change	Within ±20% of the initial value.
Time	3000 hours.						
Leakage Current	Not more than the initial specified value.						
Capacitance Change	Within ±20% of the initial value.						
Shelf Life(+85°C)	<table border="1"> <tr> <td>Time</td> <td>1000 hours.</td> </tr> <tr> <td>Leakage Current</td> <td>Not more than the initial specified value.</td> </tr> <tr> <td>Capacitance Change</td> <td>Within ±20% of the initial value.</td> </tr> </table> <p>After test: Rated voltage to be applied for 30 minutes, 24 to 48 hours before measurement.</p>	Time	1000 hours.	Leakage Current	Not more than the initial specified value.	Capacitance Change	Within ±20% of the initial value.
Time	1000 hours.						
Leakage Current	Not more than the initial specified value.						
Capacitance Change	Within ±20% of the initial value.						

DIMENSIONS

MM

Lead spacing and diameter

D	76	89	100
F	32	32	32

STANDARD RATINGS

WV	16			20			25		
	Size	Ripple	Dissipation Factor	Size	Ripple	Dissipation Factor	Size	Ripple	Dissipation Factor
Cap (μF)	DxL(mm)	(A)		DxL(mm)	(A)		DxL(mm)	(A)	
500000	76X110	32	1.5	76X110	33	1.5	76x155	35	1.5
800000	76X155	38	2.0	76X220	39	2.0	89x157	40	2.0
1000000	76X220	40	2.5	89X157	42	2.5	89x196	45	2.5
1200000	76X220	45	2.5	89X196	47	2.5	89x196	50	2.5
1500000	89X196	48	3.0	89X236	50	3.0	89x236	56	3.0
2000000	89X236	56	3.0	100x236	58	3.0	100x236	62	3.0

- Ripple Current: 85°C, 100Hz or 120HZ. Dissipation Factor: 20°C, 100Hz.

The specific capacitance and case size are available on request.