

ALUMINUM ELECTROLYTIC CAPACITOR

GENERAL, LONG LIFE

FEATURES

TS13 CD138

- Load life of 5000 hours at 85°C
- Size may be selected
- High ripple current
- Used for Computers, Communication powers, Hi-ripple circuit of electric vehicle, electric train, general-purpose inverter

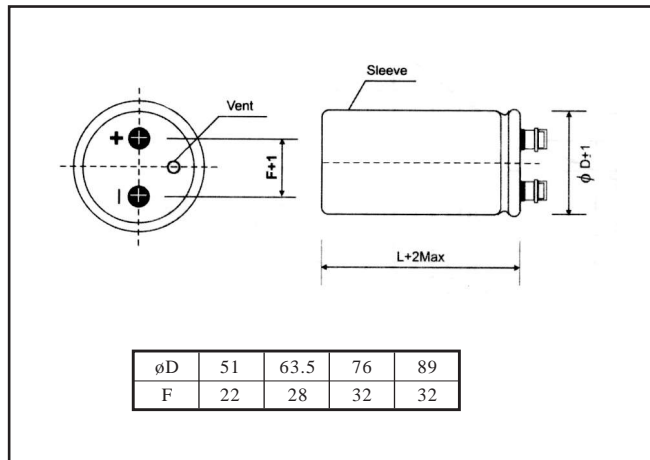


◆ Specifications

I T E M S	P E R F O R M A N C E C H A R A C T E R I S T I C S								
Rated Voltage Range(V)	350~450								
Operating Temperature Range(°C)	-40~+85								
Capacitance Tolerance(25°C,120Hz)	±20%								
Leakage Current(μA)	0.01 CV or 5mA, whichever is smaller.(at 25°C, after 5 minutes) Where, C:Nominal capacitance(μF) V:Rated voltage(V)								
Dissipation Factor(25°C,120Hz)	0.15								
Load Life (+85°C)	<table border="1"> <tr> <td>Time</td> <td>5000hours</td> </tr> <tr> <td>Leakage Current</td> <td>Not more than the specified value</td> </tr> <tr> <td>Capacitance Change</td> <td>Within±20% of the initial value</td> </tr> <tr> <td>Dissipation Factor</td> <td>Not more than 200% of the specified value</td> </tr> </table>	Time	5000hours	Leakage Current	Not more than the specified value	Capacitance Change	Within±20% of the initial value	Dissipation Factor	Not more than 200% of the specified value
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◆ Dimensions

mm



◆ Multiplier for ripple current

Frequency coefficient					
Frequency(Hz)	50,60	120	300	1K	≥10K
Factor	0.7	1.0	1.10	1.30	1.40

Temperature coefficient			
Temperature(°C)	+40	+60	+85
Factor	1.89	1.67	1.0

◆ Case code(mm)							
φD \ L	80	100	120	130	160	200	240
51	C8	C10	C12	C13	---	---	---
63.5	D8	D10	D12	D13	D16	D20	---
76	---	E10	E12	E13	E16	E20	---
89	---	---	---	F13	F16	F20	F24