ALUMINUM ELECTROLYTIC CAPACITOR

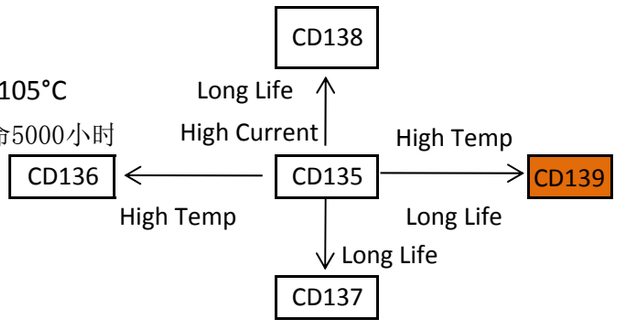
HUASING

Screw Terminal(Large Can), CD139 Series

(Image shown is a representation only)

特性Fetures

- Load life of 5000 hours at 105°C
  在105°C环境中，负荷寿命5000小时
- Long Life,
  长寿命
- Wide temperature
  宽温度品
- High Professional Power Application
  应用于专业高要求电源上面



主要技术性能Specification

项目 Items	特征 Perfomance Characteristics
使用温度范围 Operating Tepmerature Range(°C)	-40 ~ +105°C
额定电压范围 Rated Voltage Range(V)	350~ 450 VDC
标称电容量范围 Capacitance Range(uF)	1000~ 15000 uF
标称电容量偏差范围 Capacitance Tolerance(20°C,120Hz)	± 20%
漏电流 Leakage Current (uA)	After 5 minutes at 20°C application of rated voltage, leakage current is not more than 0.01CV or 1.5mA, whichever is smaller. C: Normal Capacitance(uF) V: Rated Voltage(V) 在20°C下加额定电压5分钟后，漏电流不大于0.01CV或者1.5mA,取最小值。
损耗角正切值 Dissipation Factor(20°C, 120Hz) (tanδ)	Rated Voltage(V) | 350~450VDC tanδ | < 0.15
耐久性 Load Life	+105°C额定电压（叠加规定纹波电流）5000小时试验后常温放置16h 测定 After applying rated voltage with specified ripple current for 2000 hours at 85°C and then resumed 16 hours: 电容量变化：初始值的-20～+20%以内 Capacitance change: within ±20% of the initial value 漏电流：不大于初始规定值 Dissipation Factor: Not more than initial specified value 损耗角正切：不超过规定值的2.0倍Dissipation Factor: Not more than 200% of the specified value
高温储存 Shelf Life	+105°C, 1000小时贮存后，加额定电压60分钟，恢复24~48小时后 After storage for 1000 hours at +85°C,rated voltage to be applied for 60 minutes and then resumed for 24~48 hours 电容量变化：初始值的-15～+15%以内Capacitance change: within ±15% of the initial value 漏电流：不大于初始规定值 Dissipation Factor: Not more than initial specified value 损耗角正切：不超过规定值的1.75倍Dissipation Factor: Not more than 175% of the specified value

纹波电流修正系数Multiplier for ripple current

频率系数Freqency coefficient

频率Freq(Hz)	50Hz	120Hz	1KHz	10KHz	100KHz
Coefficient	0.70	1.00	1.10	1.30	1.40

环境温度 Temperature °C	≤+40	+55	+70	+85	+105
修正系数 Coefficient	2.44	2.16	2.00	1.7	1.0

外形图 Dimensions

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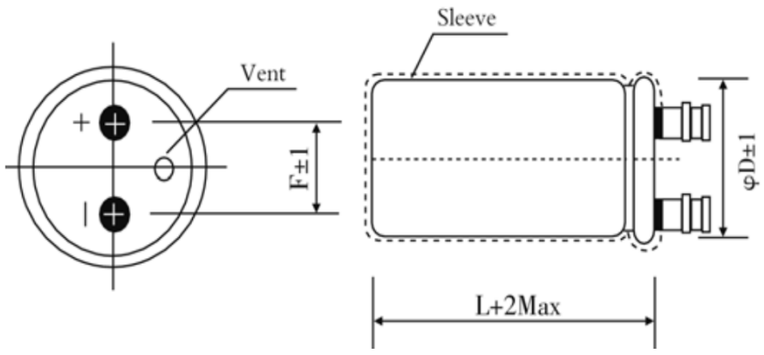

Lead Spacing and Diameter

ΦD	51	64	77	90
F	22	28.6	32	32

额定值标准 Rating for CD139 Series

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CD139	U_R	350V(2V)		400V(2G)		450V(2W)	
Cap(uF)	Us	400V		450V		500V	
	Code	DxL	(A)	DxL	(A)	DxL	(A)
1000	102	51X75	3.9	51X75	3.9	51X96	4.2
1200	122	51X75	4.2	51X96	4.6	51X115	5.0
1500	152	51X96	5.2	51X115	5.6	51X130	5.9
1800	182	51X96	5.7	51X130	6.4	64X96	6.3
2200	222	51X130	7.1	64X96	6.9	64X115	7.4
2700	272	64X96	7.7	64X115	8.2	64X130	8.6
						77X115	8.7
3300	332	64X115	9.1	64X130	9.5	64X155	10.2
						77X130	10.1
3900	392	64X130	10.4	64X155	11.1	64X195	12.3
				77X115	10.4		
4700	472	61X155	12.2	64X195	13.4	77X155	12.9
		77X115	11.5	77X130	12.0		
5600	562	64X195	14.6	64X195	14.6	77X195	15.4
		77X130	13.1	77X155	14.0	90X157	14.9
6800	682	77X155	15.5	90X157	16.5	90X196	18.0
8200	822	90X157	18.1	90X157	18.1	90X196	19.8
10000	103	90X157	19.9	90X196	21.7	90X236	23.6
12000	123	90X196	23.8	90X236	25.8		
15000	153	90X236	28.8				

DxL-尺寸SIZE(ϕDxLmm) A-额定纹波电流 Rated Ripple Current U_R-额定工作电压 Rated Voltage Us-浪涌电压 Surge Voltage

Customer Products are avaiable on request

可根据客户要求定制产品

Note: All design and specifications are for reference only and is subject to change without prior notice. If any doubt about safety for your application, please contact us immediately for technical assistance before purchase.