

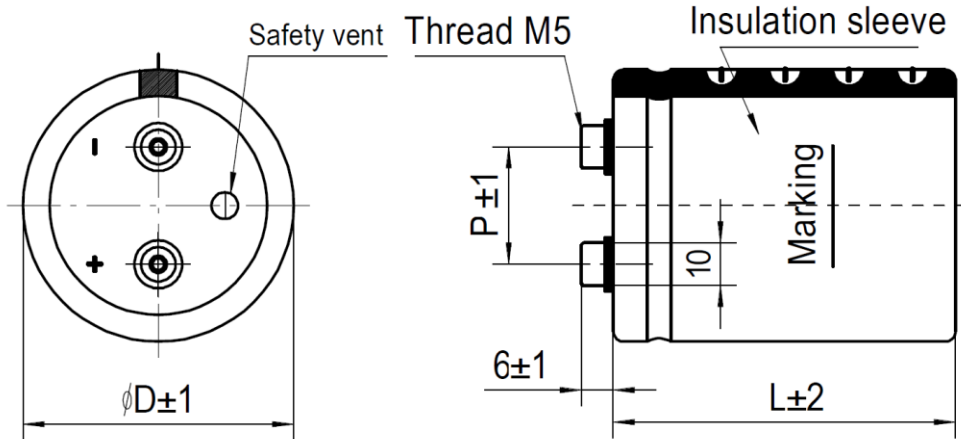
Aluminum Electrolytic Capacitor

■ Client name:

■ Type name: RCT 44000uF/63VDC Φ51X115

■ Richey P/N: RCT443M063V51115B

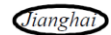
■ Dimensions:



Dimensions: /mm

D	51
L	115
P	21.8

Marking:



CD135
63v44000μF
85°C
+POSITIVE

■ Specifications:

- | | | |
|--------------------------------|---------|------------------------|
| 1. Operating Temperature Range | -40~+85 | °C |
| 2. Rating Voltage | 63 | V.DC |
| 3. Surge Voltage | 79 | V.DC |
| 4. Capacitance | 44000 | μF |
| 5. Capacitance Tolerance | -10~+75 | % @ 120Hz,20°C |
| 6. Dissipation Factor | 0.40 | max @ 120Hz,20°C |
| 7. TYP. ESR | 8 | mΩ @ 120Hz,20°C |
| 8. Leakage Current | 5.0 | mA @ 63V.DC,5min ,20°C |
| 9. Permissible Ripple Current | 15.4 | A @ 120Hz,85°C |

Permissible ripple current applied is to be calculated for conversion, using the figures stated below.

Frequency(Hz) Multiplier factor					Temperature (°C) Multiplier factor			
50	120	300	1K	≥10K	+40	+60	+70	+85
0.90	1.00	1.15	1.25	1.30	2.70	2.00	1.70	1.00

- | | |
|--|--|
| 10. LOAD LIFE(V.dc+I _{rms} /85°C) | 2000Hrs |
| Capacitance change | ≤ ±20% of initial measured value |
| Dissipation Factor(tanδ) | ≤ 200% of initial specified value |
| Leakage Current | ≤ Initial specified value |
| 11. SHELF LIFE(85°C) | 500Hrs |
| Capacitance change | ≤ ±20% of initial measured value |
| Dissipation Factor(tanδ) | ≤ 200% of initial specified value |
| Leakage Current | ≤ Initial specified value |
| 12. Others | The other electrical and mechanical characteristics,JIS-C-5101-4 correspondingly to apply. |

DWN.	Q P	2018/5/15
CHKD.	PMX	2018/5/15
APPD.	DJH	2018/5/15

RICHEY CAPACITOR INC
1219 4TH Ave South Nashville TN 37210

GG51805-09Q