

Lelon P/N :
RN-100K1HBK-0811P

LELON ELECTRONICS CORP.

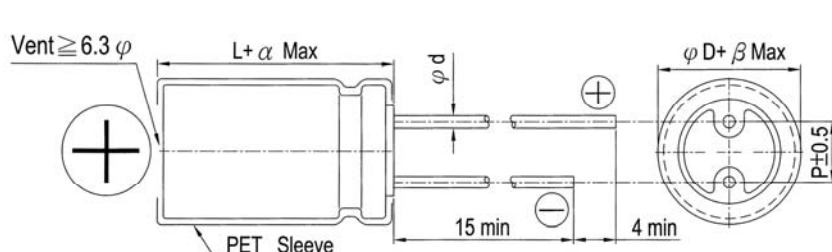
RN 10 μ F / 50 V – 8 ϕ \times 11.5L

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CUSTOMER : MOUSER ELECTRONICS

CUSTOMER P/N: RN100K1HBK-0811P




DIAGRAM OF DIMENSIONS



Unit: mm

ϕD	8
L	11.5
P	3.5
ϕd	0.6
α	1.0
β	0.5

Items	Performance						
Operating Temperature Range	-40°C ~ +85°C						
Capacitance Tolerance	-10 % ~ +10 % (120 Hz, 20°C)						
Surge Voltage	63 VDC						
Leakage Current	$I \leq 15 \mu A$ After 2 minutes						
Dissipation Factor (Tan δ)	≤ 0.10 (120 Hz, 20°C)						
Ripple Current (rms)	68 mA (120 Hz, 85°C)						
Low Temperature Characteristics (120 Hz)	<table border="1"> <tr> <td>Z(-25°C)/Z(+20°C)</td> <td>2</td> </tr> <tr> <td>Z(-40°C)/Z(+20°C)</td> <td>3</td> </tr> </table>	Z(-25°C)/Z(+20°C)	2	Z(-40°C)/Z(+20°C)	3		
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Z(-40°C)/Z(+20°C)	3						
Life Test: Load Life Test: After 2000 Hrs at 85°C Shelf Life Test: After 1000 Hrs at 85°C	<table border="1"> <tr> <td>Capacitance Change</td> <td>Within ± 20 % of initial value</td> </tr> <tr> <td>Dissipation factor</td> <td>Less than 200% of specified value</td> </tr> <tr> <td>Leakage Current</td> <td>Within specified value</td> </tr> </table> <p>Load Life Test: After application of the rated voltage at 85°C, the polarity inverted every 250 hrs.</p>	Capacitance Change	Within ± 20 % of initial value	Dissipation factor	Less than 200% of specified value	Leakage Current	Within specified value
Capacitance Change	Within ± 20 % of initial value						
Dissipation factor	Less than 200% of specified value						
Leakage Current	Within specified value						
Solder Heat-resistance	Dip of wave soldering capacitors should be less than 260 \pm 5°C, 10 \pm 1seconds.						
Standards	JIS C 5101-4						
Remarks	RoHS Compliance & Halogen-free						

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Revise Date					
Edition No.	1		林水淵	王國權	譚潔

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