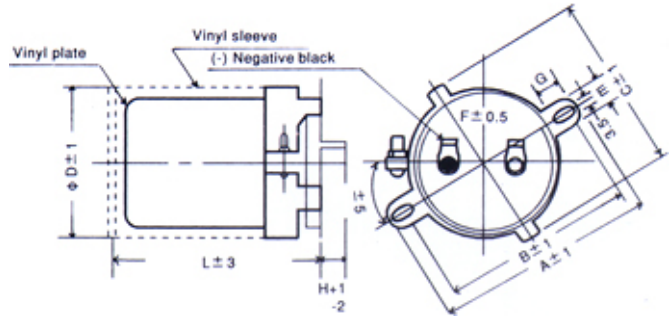
LGB 系　列　大 容 量 品
Series Large Capacitance

<table>
<tr><th>項目　Item</th><th colspan="2">特性 Characteristics</th></tr>
<tr><td>使用溫度範圍
Operating
Temperature Range</td><td>- 40 ~ 85℃</td><td>-25 ~ 85℃</td></tr>
<tr><td>額定電壓範圍
Rated Working
Voltage Range</td><td>10V ~ 100V DC</td><td>160V ~ 450V DC</td></tr>
<tr><td>靜電容量容許差
Capacitance
Tolerance
(120Hz, 25℃)</td><td colspan="2">±20% (M)</td></tr>
<tr><td>洩漏電流
Leakage Current
(25℃)</td><td colspan="2">I ≦ 0.03CV + 30 (μ A)
I : Leakage Current (μ A)　C : Rated Capacitance (μ F)　V : Working Voltage (V)
After 5 minutes applying the DC working Voltage</td></tr>
<tr><td>突波電壓
Surge Voltage (25℃)</td><td colspan="2"><table>
<tr><td>W.V.</td><td>10</td><td>16</td><td>25</td><td>35</td><td>50</td><td>63</td><td>100</td><td>160</td><td>200</td><td>250</td><td>350</td><td>400</td><td>450</td></tr>
<tr><td>S.V.</td><td>13</td><td>20</td><td>32</td><td>44</td><td>63</td><td>79</td><td>125</td><td>200</td><td>250</td><td>300</td><td>400</td><td>450</td><td>500</td></tr>
</table></td></tr>
<tr><td>散逸因素
(Tan. θ)
Dissipation Factor
(120Hz, 25℃)</td><td colspan="2"><table>
<tr><td>W.V.</td><td>10</td><td>16</td><td>25</td><td>35</td><td>50</td><td>63</td><td>100</td><td>160</td><td>200</td><td>250</td><td>350</td><td>400</td><td>450</td></tr>
<tr><td>Tan. θ</td><td>0.35</td><td>0.35</td><td>0.25</td><td>0.25</td><td>0.25</td><td>0.25</td><td>0.20</td><td>0.20</td><td>0.20</td><td>0.20</td><td>0.20</td><td>0.25</td><td>0.25</td></tr>
</table>For capacitance exceeding 1000 μ F, add 0.02 per increment of 1000 μ F</td></tr>
<tr><td>溫度特性
Temperature
Characteristics</td><td colspan="2"><table>
<tr><td>W.V.</td><td>10 ~ 100</td><td>160 ~ 450</td></tr>
<tr><td>-25℃ /+25℃</td><td>4</td><td>8</td></tr>
<tr><td>-40℃ /+25</td><td>12</td><td>/</td></tr>
</table>Impedance ratio at 120HZ</td></tr>
<tr><td>高溫負荷特性
Load Test</td><td colspan="2">After 1000 hours application of W.V. at +85℃
the capacitor shall meet he following limits<table>
<tr><td>Capacitance change</td><td>≦ ± 20% of initial value</td></tr>
<tr><td>Tan. θ</td><td>≦ ± 150% of initial specified value</td></tr>
<tr><td>Leakage current</td><td>≦ initial specified value</td></tr>
</table></td></tr>
<tr><td>放置特性
Shelf Test</td><td colspan="2">After 500 hours application of W.V. at +85℃
the capacitor shall meet he following limits<table>
<tr><td>Capacitance change</td><td>≦ ± 20% of initial value</td></tr>
<tr><td>Tan. θ</td><td>≦ 200% of initial specified value</td></tr>
<tr><td>Leakage current</td><td>≦ 200% of initial specified value</td></tr>
</table></td></tr>
</table>

LGB 尺 寸 圖 Dimension



Case Diameter (⌀ D)	A	B	C	E	F	G	H	O
25	48	38	33	10	10	6	12	45
30	52	42	38	10	14	6	12	45
35	58	48	46	10	14	7	12	45
40	64	54	50	10	14	7	12	45

μF \ WV	16		25		35		50		63		80		100	
3300											30*52	2750	30*52	3200
4700									25*40	3000	30*52	3100	35*62	3450
6800							25*40	3250	25*50	3560	35*52	3680	35*62	3950
10000					2*40	3300	30*52	3500	35*52	3950	40*62	4350	40*62	4650
22000			30*52	4250	30*52	4350	35*62	4500	40*62	4720				
33000	35*35	4250	35*52	5150	35*62	5880								
47000	35*52	5250	35*62	5880										