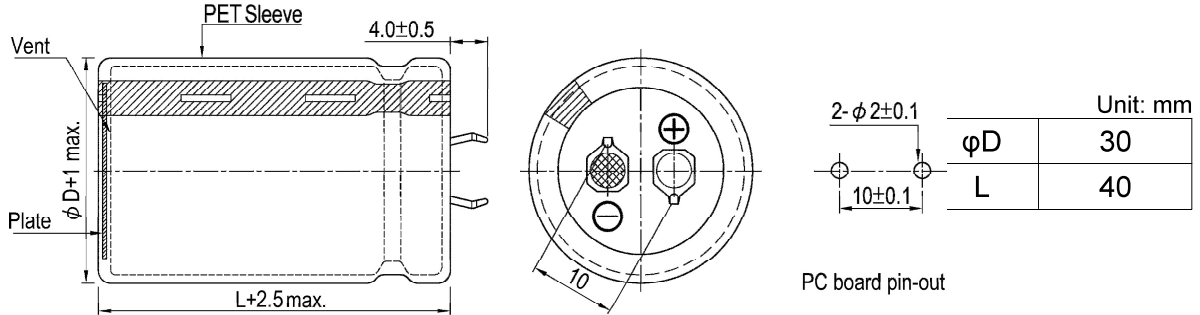


CUSTOMER : I.D. COMPONENTES S.L.
CUSTOMER P/N:

PRODUCT DIMENSIONS



Items	Performance															
Rated Voltage V_R	400 V															
Capacitance C_R	470 μ F (120 Hz, 20°C)															
Category Temperature Range	-25°C ~ +105°C															
Capacitance Tolerance	-20 % ~ +20 % (120 Hz, 20°C)															
Surge Voltage V_S	440 V _{DC}															
Leakage Current (20°C)	$I_{LEAK} \leq 1301 \mu A$ After 5 minutes															
Tan δ	≤ 0.15 (120 Hz, 20°C)															
Ripple Current ($I_{AC, R}$ / rms)	1.56 A (120 Hz, 105°C)															
Low Temperature Characteristics at 120 Hz	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>$Z_{(-25^\circ C)} / Z_{(+20^\circ C)}$</td> <td>8</td> </tr> <tr> <td>$Z_{(-40^\circ C)} / Z_{(+20^\circ C)}$</td> <td>-</td> </tr> </table>	$Z_{(-25^\circ C)} / Z_{(+20^\circ C)}$	8	$Z_{(-40^\circ C)} / Z_{(+20^\circ C)}$	-											
$Z_{(-25^\circ C)} / Z_{(+20^\circ C)}$	8															
$Z_{(-40^\circ C)} / Z_{(+20^\circ C)}$	-															
Ripple Current (A) and Frequency Multipliers	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>Frequency (Hz)</td> <td>50 / 60</td> <td>100 / 120</td> <td>500</td> <td>1k</td> <td>10k up</td> </tr> <tr> <td>Multiplier</td> <td>0.77</td> <td>1.00</td> <td>1.30</td> <td>1.41</td> <td>1.43</td> </tr> </table>	Frequency (Hz)	50 / 60	100 / 120	500	1k	10k up	Multiplier	0.77	1.00	1.30	1.41	1.43			
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Endurance and Shelf Life Test	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>Items</td> <td>Endurance</td> <td>Shelf Life Test</td> </tr> <tr> <td>Test Time</td> <td>2,000 Hrs at 105°C, $V_R, I_{AC, R}$</td> <td>1,000 Hrs at 105°C</td> </tr> <tr> <td>Cap. Change</td> <td>Within ± 20 % of initial value</td> <td>Within ± 20 % of initial value</td> </tr> <tr> <td>Tan δ</td> <td>Less than 200% of specified value</td> <td>Less than 150% of specified value</td> </tr> <tr> <td>Leakage Current</td> <td>Within specified value</td> <td>Within specified value</td> </tr> </table> <p style="font-size: small;">Shelf Life Test: The rated voltage shall be applied to the capacitors before the measurements (Refer to JIS C 5101-4 4.1)</p>	Items	Endurance	Shelf Life Test	Test Time	2,000 Hrs at 105°C, $V_R, I_{AC, R}$	1,000 Hrs at 105°C	Cap. Change	Within ± 20 % of initial value	Within ± 20 % of initial value	Tan δ	Less than 200% of specified value	Less than 150% of specified value	Leakage Current	Within specified value	Within specified value
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Solder heat-resistance	During dip or wave soldering, temperature at the capacitors terminals should be less than 260 \pm 5 °C, 10 \pm 1 seconds.															
Standards	JIS C 5101-4, IEC 60384-4															
Remarks	RoHS Compliance, Halogen-free															

* Please refer to "Precautions and Guidelines for Aluminum Electrolytic Capacitors" section in Lelon's catalog for further details.

Publication Date	April 6, 2024	Approval Signatures:	Approved	Checked	Designed
Revision Date			<div style="border: 1px solid black; border-radius: 50%; padding: 5px; text-align: center;"> R & D APR. 6. 2024 H. Y. Huang </div>	<div style="border: 1px solid black; border-radius: 50%; padding: 5px; text-align: center;"> R & D APR. 6. 2024 J.H.Xiong </div>	<div style="border: 1px solid black; border-radius: 50%; padding: 5px; text-align: center;"> R & D APR. 6. 2024 Z. X. Sun </div>
Version No.	1		Please return one copy with your approval		