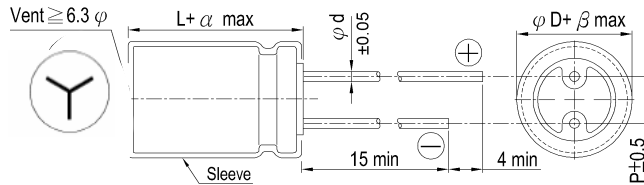


CUSTOMER :
CUSTOMER P/N:

PRODUCT DIMENSIONS



Unit: mm

ϕ D	18
L	40
P	7.5
ϕ d	0.8
α	2.0
β	0.5

Items	Performance															
Rated Voltage V_R	450 V															
Capacitance C_R	120 μ F (120 Hz, 20°C)															
Category Temperature Range	-25°C ~ +125°C															
Capacitance Tolerance	-20 % ~ +20 % (120 Hz, 20°C)															
Surge Voltage V_s	495 V _{DC}															
Leakage Current(20°C)	$I_{LEAK} \leq 2260 \mu$ A After 1 minute															
Tan δ	≤ 0.24 (120 Hz, 20°C)															
Ripple Current (I_{AC} , R/rms)	650 mA (120 Hz, 125°C)															
Low Temperature Characteristics at 120 Hz	<table border="1"> <tr> <td rowspan="2">Impedance ratio</td> <td>$Z_{(-25^\circ\text{C})}/Z_{(+20^\circ\text{C})}$</td> <td>6</td> </tr> <tr> <td>$Z_{(-40^\circ\text{C})}/Z_{(+20^\circ\text{C})}$</td> <td>-</td> </tr> </table>	Impedance ratio	$Z_{(-25^\circ\text{C})}/Z_{(+20^\circ\text{C})}$	6	$Z_{(-40^\circ\text{C})}/Z_{(+20^\circ\text{C})}$	-										
	Impedance ratio		$Z_{(-25^\circ\text{C})}/Z_{(+20^\circ\text{C})}$	6												
$Z_{(-40^\circ\text{C})}/Z_{(+20^\circ\text{C})}$		-														
Ripple Current (mA) and Frequency Multipliers	<table border="1"> <tr> <td>Frequency (Hz)</td> <td>120</td> <td>1k</td> <td>10k</td> <td>100k</td> </tr> <tr> <td>Multiplier</td> <td>1.00</td> <td>1.30</td> <td>1.40</td> <td>1.50</td> </tr> </table>	Frequency (Hz)	120	1k	10k	100k	Multiplier	1.00	1.30	1.40	1.50					
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Multiplier	1.00	1.30	1.40	1.50												
Endurance and Shelf Life Test	<table border="1"> <tr> <td>Items</td> <td>Endurance</td> <td>Shelf Life Test</td> </tr> <tr> <td>Test Time</td> <td>2,000 Hrs at 125°C; V_R/I_{AC}, R</td> <td>1,000 Hrs at 125°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 200% of specified value</td> </tr> <tr> <td>Leakage Current</td> <td>Within specified value</td> <td>Less than 500% of specified value</td> </tr> </table>	Items	Endurance	Shelf Life Test	Test Time	2,000 Hrs at 125°C; V_R/I_{AC} , R	1,000 Hrs at 125°C	Cap. Change	Within ± 20 % of initial value	Within ± 20 % of initial value	Tan δ	Less than 200% of specified value	Less than 200% of specified value	Leakage Current	Within specified value	Less than 500% of specified value
	Items	Endurance	Shelf Life Test													
	Test Time	2,000 Hrs at 125°C; V_R/I_{AC} , R	1,000 Hrs at 125°C													
	Cap. Change	Within ± 20 % of initial value	Within ± 20 % of initial value													
	Tan δ	Less than 200% of specified value	Less than 200% of specified value													
Leakage Current	Within specified value	Less than 500% of specified value														
Shelf Life Test: The rated voltage shall be applied to the capacitors before the measurements (Refer to JIS C 5101-4 4.1)																
Solder Heat-resistance	During dip of wave soldering temperature at the capacitors terminals should be less than 260 \pm 5°C, 10 \pm 1seconds.															
Standards	JIS C 5101-4, IEC 60384-4															
Remarks	RoHS Compliance , Halogen-free															

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

Publication Date	November 11, 2023	Approval Signatures:	Approved	Checked	Designed
Revision Date					
Version No.	1		Please return one copy with your approval		

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