Lelon P/N: RUZ221M1KBK-1325	LELON ELECTRONICS CORP. RUZ 220 µF / 80 V – 12.5φ × 25L	Page: 1 / 1

CUSTOMER :

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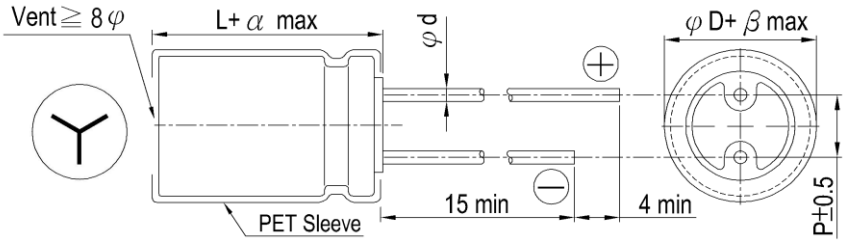
PRODUCT DIMENSIONS



Unit: mm

φD	12.5
L	25
P	5.0
φd +/-0.05	0.6
α	2.0
β	0.5

Items	Performance	
Rated Voltage V_R	80 V	
Capacitance C_R	220 µF	(120 Hz, 20℃)
Category Temperature Range	-40℃ ~ +125℃	
Capacitance Tolerance	-20 % ~ +20 %	(120 Hz, 20℃)
Surge Voltage V_S	92 V_{DC}	
Leakage Current (20℃)	I_{LEAK} ≦ 528 µA	After 1 minutes
Tan δ	≦ 0.08	(120 Hz, 20℃)
Impedance $_{max.}$	< 0.18 Ω	(100k Hz, 20℃)
Ripple Current ($I_{AC,R}$ /rms)	1240 mA	(100kHz, 125℃)
Low Temperature Characteristics at 120 Hz	Impedance ratio: $Z_{(-25℃)}$ / $Z_{(+20℃)}$ = 2; $Z_{(-40℃)}$ / $Z_{(+20℃)}$ = 4	
Ripple Current (A) and Frequency Multipliers	Frequency (Hz): 120 / 1k / 10k / 100k up; Multipliers: 0.50 / 0.85 / 0.94 / 1.00	
Endurance and Shelf Life Test	See table below	
Solder heat-resistance	During dip or wave soldering, temperature at the capacitors terminals should be less than 260 ± 5℃, 10 ± 1 seconds.	
Standards	JIS C 5101-26, IEC 60384-4	
Remarks	RoHS Compliance, Halogen-free	

Items	Endurance	Shelf Life Test
Test Time	5000 Hrs at 125℃, V_R, $I_{AC,R}$	1,000 Hrs at 125℃
Cap. Change	Within ±30 % of initial value	Within ±30 % of initial value
Tan δ	Less than 300% of specified value	Less than 300% of specified value
Leakage Current	Within specified value	Less than 500% of specified value

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

Publication Date	September 2, 2017	Approval Signatures:	Approved	Checked	Designed
Revision Date			R & D SEP. 2. 2017 Jack Huang	R & D SEP. 2. 2017 H.Y.Huang	R & D SEP. 2. 2017 Z.X.Sun
Version No.	1	Please return one copy with your approval			

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