

SPECIFICATION FOR APPROVAL

CONDUCTIVE POLYMER ALUMINUM CAPACITORS						
Customer:						
Capacitance: 560 uF	Tolerance: ±20 %		Issue No.			
Series. ERS	Q'ty of Sample: pcs		Issue Day. 14/10/2024			
Cust. P/N :	Part No. ERS561M10BD8		W.V. 10 VDC			
Diagram of Dimensions : (Unit : mm)						
D: <u>8.0+0.5</u> L: <u>8.0+1.0</u> P: <u>3.5±0.5</u> d: <u>0.6±0.02</u>						
SPECIFICATION			Initial Test			
			No	C(uF)	D.F. (Tanδ)	Leakage (uA)
Frequency = 120 Hz Temperature = 20 °C						
1	Operating Temperature Range : -55°C ~ +105°C		1			
2	Leakage Current :Not greater then 1120 uA (After 2 minutes)		2			
3	Dissipation Factor(Tanδ) : 0.10 Max.		3			
4	Endurance(Rated Voltage at 105°C, 2000 h , restored to 20°C): Appearance: ≤ No significant damage Capacitance Change (μF): Within ±20% of initial measured value Dissipation Factor (tanδ): ≤ 150% of an initial specified value ESR (mΩ): ≤ 150% of an initial specified value Leakage Current (μA): ≤ Initial specified value		4			
			5			
			6			
			7			
8						
5	Maximum Ripple Current : 5200 mA rms (105°C,100KHz)		9			
6	Equivalent Series Resistance(ESR) : 12 mΩ (20°C,100KHz)		10			
APPROVED BY CUSTOMER			REMARK :			
Your Confirmation : <input type="checkbox"/> Approval <input type="checkbox"/> Conditional Approval <input type="checkbox"/> Rejection (Please send a copy for our ref.)						
Inspected by		Checked by	游弘明	Approved by	蘇彥華	