

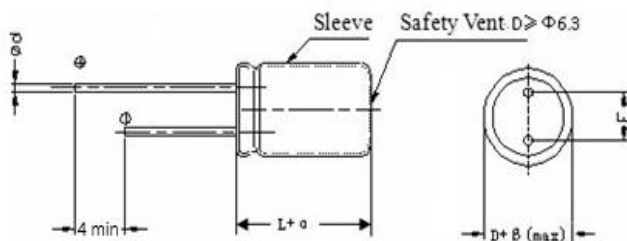
Huawei P/N: GK1H101MF115A00CE0	CHANGZHOU HUAWEI ELECTRONICS CO.,LTD	Page:1/1
	GK 50V 100 μ F 8*11.5	

Customer : Blume Elektronik Distribution GmbH

Customer P/N : GK1H101MF115A00BES

Diagram Of Dimensions

unit: mm



D	8	L	11.5
β Max	+0.5	α Max	+1.5
F $\pm$ 0.5	3.5	d $\pm$ 0.05	0.50

 β 为 D 值公差 / α 为 L 值公差

Items	Performance				
Operating Temperature Range	-55℃ ~ +105℃				
Capacitance Tolerance	-20% ~ +20% (120Hz,20℃)				
Surge Voltage	63VDC				
Leakage Current	LC≤50μA After 2 minutes				
Dissipation Factor (Tan δ)	≤0.10 (120Hz,20℃)				
ESR	0.18 Ω (100KHz, 25℃)				
Ripple Currents	610mA (100KHz, +105℃)				
Low Temperature Characteristics(120Hz)	Z-25℃ / Z+20℃			2	
	Z-40℃ / Z+20℃			3	
Ripple Current& Frequency Multipliers	Frequency(Hz)	120	1K	10K	100K
	Coefficient	0.40	0.75	0.90	1.00
Life Test: Load Life Test: After 3000 Hrs at 105℃ Shelf Life Test: After 1000 Hrs at 105℃	Capacitance Change	Load Life: Within ±25%of initial value			
		Shelf Life: Within ±25% of initial value			
	Dissipation Factor	Load Life: Less than 200% of specified value			
		Shelf Life: Less than 200% of specified value			
	Leakage current	Load Life: Within specified value			
		Shelf Life: Less than 200% of specified value			
Solder ability	245±5℃,2±0.5seconds. soldering must cover more than 95%				
Standards	IEC-60384				
Remarks	RoHS Compliance & Halogen-Free				

Publish Date	23-Aug-2024	Approval Signatures:	Approved	Checked	Designed
Revise Date			詹光耀 研发中心	魏丽芳 研发中心	钱卢苏蒙 研发中心
Edition No.	1		Please return one copy with your approval		