ALUMINUM ELECTROLYTIC CAPACITORS		APPROVAL NO.	
		9964	
	SERIES	RGB	
RGB 100 LG 47000 (M)	RATING	100 V 47000 <i>µ</i> F	
	CASE SIZE	Ø 63.5 × 130 L	
A. DIAGRAM OF DIMENSION	Safety vent	[UNIT : mm]	
Bottom plate Sleeve M5	Safety vent	ØD 63.5 L 130 F 28.0	
B. MARKING: <u>BLACK</u> SLEEVE & <u>SLIVER</u> INK			
samoning	< SLEEVE or BOTTOM PLATE MARKING >		
SAIITOUVG	 (1) (2) (3) (4) (1) The ending figure of manufactured year in A.D 		
100 V 47000 ⊭F (M) 85 ℃	 2 Manufactured month(1,2 3 Manufactured day (A,B,G) 		
	 SAMYOUNG's symbol N 		
FRONT VIEW OF CAPACITOR			
C. ELECTRICAL CHARACTERISTICS A. OPERATING TEMPERATURE RANGE : -40 ~ +85℃ B. RATED VOLTAGE : 100 Vnc C. SURGE VOLTAGE : 125 Vnc D. CAPACITANCE TOLERANCE : ±20% (at 20℃, 120Hz) E. LEAKAGE CURRENT : Lower 5000 µA, after 5 minutes at 20℃ F. DISSIPATION FACTOR (Tan δ) : Lower 0.35 at 20℃, 120Hz G. RATED RIPPLE CURRENT : 15.8 Arms at 85℃, 120Hz H. INSULATION WITHSTANDING VOLTAGE : When a voltage of 2,000V _{AC} is applied for one minute between the terminals shorted each other and the mounting clamp on the insulating sleeve covering the case, there shall not be electrical damage. I. LOAD LIFE : .			
The following specifications shall be satisfied when the capacitors are restored to 20 °C.			
after subjected to DC voltage with the rated ripple current is applied (the peak voltage shall not exceed the rated voltage) <u>2,000</u> hours at <u>85℃</u> .			
# Capacitance change : ≤	<u>±20 %</u> of the initial value		
	300 % of the initial specified w	value	
# Leakage current : ≤ J. SHELF LIFE :	The initial specified value		
The following specifications shall be satisfied when the capacitors are restored to 20 $^\circ$ after exposing			
them at <u>85℃</u> for <u>500</u> hours without voltage applied. The rated voltage shall be applied to the capacitors for a minimum of 30 minutes, at least 24 hours and not more than 48 hours before the measurements.			
# Capacitance change $: \le \pm 20 \%$ of the initial value			
	300 % of the initial specified v	value	
# Leakage current : ≤ The initial specified value K. CLEANING CONDITIONS : Non-solvent proof			
L. OTHERS : Satisfied charateristics KS C IEC 60384-4			