



SA103K-XXGS

www.sac-ontop.com.tw

3W Switching Adapter

Input

Rated Voltage	100 - 240 VAC
Max. Voltage	90 - 264 VAC
Line Frequency	47 - 63 Hz
Current	100mA at 100-240VAC
Configuration	Europe-2PIN

Output

Model Name	Voltage	Current	Watt	Efficiency
SA103K-05GS	5V	0.6A	3W	65%
*SA103K-07GS	*7V	0.43A	3.01W	68%
SA103K-09GS	9V	0.34A	3.06W	70%
SA103K-12GS	12V	0.25A	3W	70%
Line Regulation	Less than $\pm 2\%$			
Load Regulation	Less than $\pm 5\%$			
Protections	OCP, OVP & SCP			
Ripple & Noise	$\leq 150\text{mVp-p}$			

Environment

Operating Temp.	0°C - 40°C
Storage Temp.	-20°C - 80°C
Humidity	10% - 90% (Non-condensing)
RoHS & WEEE	Standard

Reliability

MTBF	50,000 hrs (by MIL-217 Standard)
Safety	ITE: TUV/GS, CE, CB(without 7V)

Others

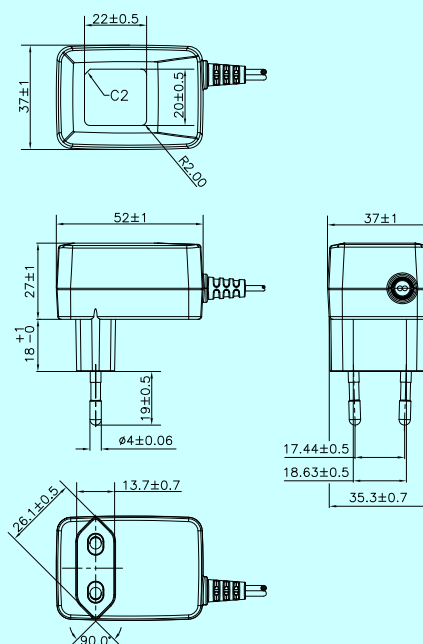
Package	100 pcs/box
Min. Order	1K pcs/lot
Warranty	1 year

Electrical

Topology	Switching Mode
Hi-Pot	3000 Vac/1sec @ 5mA (primary - secondary)
Leakage Current	$\leq 0.25\text{mA}$, at 264VAC/50Hz
Hold Up Time	$\geq 6\text{ mSec}$
Standby Power	$\leq 0.3\text{ Watt}$
EMI	Complies with EMI directives
ErP Requirement	Efficiency Level: Stage 2

Mechanical

Case Size	52L x 37W x 27H mm
Case Material	Black, 94V-1 or equivalent
Weight	62 ± 5 g
DC Cord	4.92ft



For reference only. For details please contact your local sales representative