



SA105K-05

www.sac-ontop.com.tw

5W USB CHARGER

Input

Rated Voltage	100 - 240 VAC
Max. Voltage	90 - 264 VAC
Line Frequency	47 - 63 Hz
Current	150mA, at 100-240VAC
Configuration	UL-2PIN

Output

Model Name	Voltage	Current	Watt	Efficiency
SA105K-05	5V	1.0A	5W	65%
Line Regulation	$\leq \pm 2\%$			
Load Regulation	$\leq \pm 5\%$			
Protections	OCP, OVP & Short circuit			
Ripple Voltage	$\leq 150\text{mVp-p}$			

Environment

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

Reliability

MTBF	50,000 hrs (by MIL-217 Standard)
Safety	ITE: UL, cUL

Others

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

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

Electrical

Topology	Switching Mode
Hi-Pot	3000 Vac/1sec @ 5mA (primary - secondary)
Leakage Current	$\leq 0.25\text{mA}$, at 264VAC/60Hz
Hold Up Time	$\geq 8\text{ mSec.}$
Standby Power	$\leq 0.3\text{Watt}$
EMI	Complies with EMI directives
Energy Star Requirement	EPS 2.0 (Efficiency Level V)

Mechanical

Case Size	60L x 26W x 41H mm
Case Material	Black, 94V-1 or equivalent
Weight	45 ± 5 g
Output Connect	Standard-A Plug (USB) (Without Output Cord)

