



SA112D-12

12W Switching Adapter Series

Input

Rated Voltage	120 VAC
Max. Voltage	105 - 132 VAC
Line Frequency	57 - 63 Hz
Current	300mA, at 120VAC
Configuration	UL - 2PIN

Output

Model Name	Voltage	Current	Watt	Eff. (Typ.)
SA112D-12	12V	1.0A	12W	80%

Line Regulation	Less than $\pm 2\%$
Load Regulation	Less than $\pm 5\%$
Protections	OCP & Short circuit
Ripple Voltage	$\leq 200\text{mVp-p}$

Environment

Operating Temp.	0°C - 40°C
Storage Temp.	-20°C - 80°C
Operating Humidity	20% - 80% (Non-condensing)

Reliability

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

Others

Package	105 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	2000 Vac/1sec @ 5mA (primary - secondary)
Leakage Current	$\leq 0.25\text{mA}$, at 127VAC/60Hz
Hold Up Time	≥ 6 mSec
Standby Power	≤ 0.3 Watt
EMI	Complies with EMI directives
Energy Star Requirement	EPS 2.0 (Efficiency Level V)

Mechanical

Case Size	74.5L x 30W x 40.9H mm
Case Material	Black, 94V-1 or equivalent
Weight	92 ± 10 g
DC Cord	4.92ft
LED Indicator	Option

