

KEY FEATURES

- Power Module for PCB Mountable
- Regulated Output
- Low Ripple and Noise
- 2-Years Product Warranty



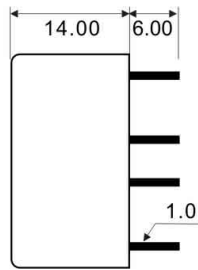
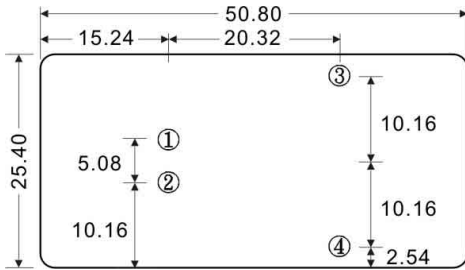
ELECTRICAL SPECIFICATIONS

Model No.	SA 06-24-3.3S	SA 06-24-5S	SA 06-24-12S	SA 06-24-15S	SA 06-24-24S
Max. Output Wattage (W)	5W	6W	6W	6W	6W
Input Voltage (V.DC.)	24V (18-36V)	24V (18-36V)	24V (18-36V)	24V (18-36V)	24V (18-36V)
Output Voltage (V.DC.)	3.3V / 1500mA	5V / 1200mA	12V / 500mA	15V / 400mA	24V / 250mA
Efficiency	76%	78%	82%	82%	83%

Model No.	SA 06-24-3.3S	SA 06-24-5S	SA 06-24-12S	SA 06-24-15S	SA 06-24-24S
Max Output Wattage (W)	5W	6W	6W	6W	6W
Input	Input Filter π type Voltage (V.DC.) 3.3 5 12 15 24 Voltage Accuracy $\pm 2\%$ Current (mA) max 1500 1200 500 400 250 Line Regulation (LL-HL) (typ.) $\pm 0.5\%$ Load Regulation (10-100%) (typ.) $\pm 1\%$ Ripple $< 0.2\%$ Vout +40mV max (Vp-p) Noise $< 0.5\%$ Vout +50mV max (Vp-p) Efficiency 76% 78% 82% 82% 83% Switching Frequency 125KHz				
Protection	Over Power Protection Works over 120% of rating and recovers automatically. Over Voltage Protection Zener diode clamp Short Circuit Protection Current limit, auto-recovery				
Isolation	Voltage 1600 VDC. Resistance 10^8 ohms Capacitance 1000 pF				
Environment	Operating Temperature $-25^{\circ}\text{C} \dots +70^{\circ}\text{C}$ (at Full Load) Storage Temperature $-55^{\circ}\text{C} \dots +105^{\circ}\text{C}$ Case Temperature $+100^{\circ}\text{C}$ max. Temperature Coefficient $\pm 0.02\%$ Per $^{\circ}\text{C}$ Humidity 95%RH MTBF $> 800,000$ h @ 25°C (MIL-HDBK-217F)				
Physical	Dimension (L x W x H) 2.0 x 1.0 x 0.55 Inches (50.8 x 25.4 x 14 mm) Tolerance ± 0.5 mm Case Material Six-side shielded Aluminum with Non-Conductive base, Black Anodize Weight 35 g Cooling Method Free-air convection				

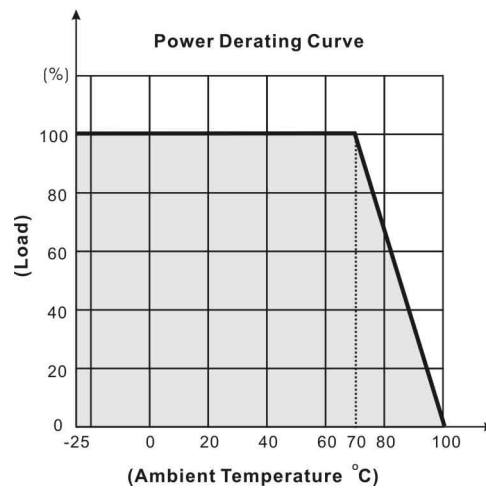
All specifications valid at nominal input voltage, full load and $+25^{\circ}\text{C}$ after warm-up time unless otherwise stated.

MECHANICAL DIMENSION (Top View)



PIN#	Single
1	-DC IN
2	+DC IN
3	-DC OUT
4	+DC OUT

DERATING



BLOCK DIAGRAM

Single Output

