

### KEY FEATURES

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



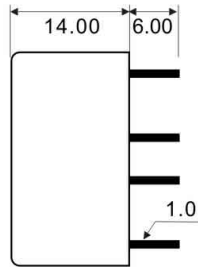
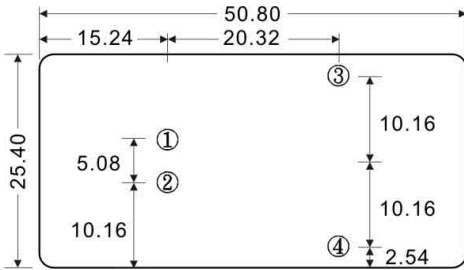
### ELECTRICAL SPECIFICATIONS

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	π type					
Output	Input Filter	3.3	5	12	15	24
	Voltage (V.DC.)	±2%				
	Voltage Accuracy	±2%				
	Current (mA) max	1500	1200	500	400	250
	Line Regulation (LL-HL) (typ.)	±0.5%				
	Load Regulation (10-100%) (typ.)	±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 <sup>9</sup> ohms				
	Capacitance	1000 pF				
Environment	Operating Temperature	-25°C...+70°C (at Full Load)				
	Storage Temperature	-55°C...+105°C				
	Case Temperature	+100°C max.				
	Temperature Coefficient	±0.02% Per°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				

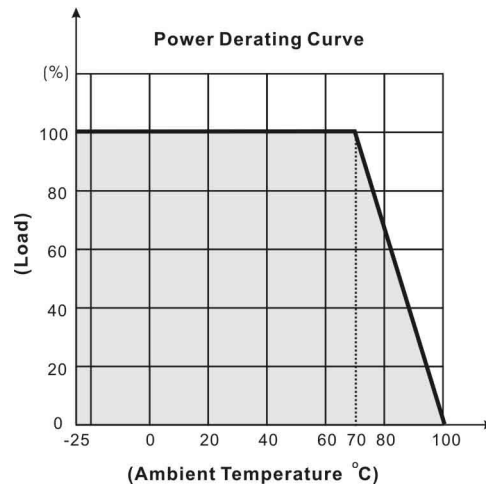
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

## MECHANICAL DIMENSION ( Top View )



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

## DERATING



## BLOCK DIAGRAM

### Single Output

