

## 3W Switch-Mode Power Supply

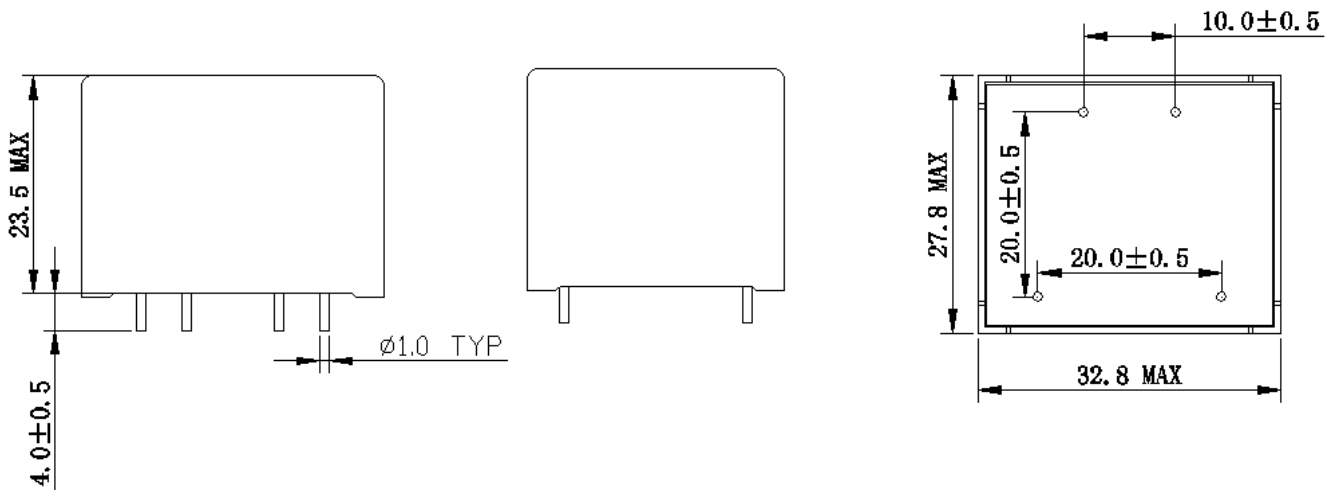
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### KEY FEATURES

- Universal Input Range, 85V-265V
- Switching Power Module for PCB Mountable
- Encapsulated Circuit Prevent dust and water
- Self-Extinguishing Plastic 94V-0
- Low standby power, high efficiency
- Dielectric Strength 3600VAC
- Low standby power <0.1W
- Low Ripple and Noise
- Integrated EMC network



### OUTLINE DIMENSION



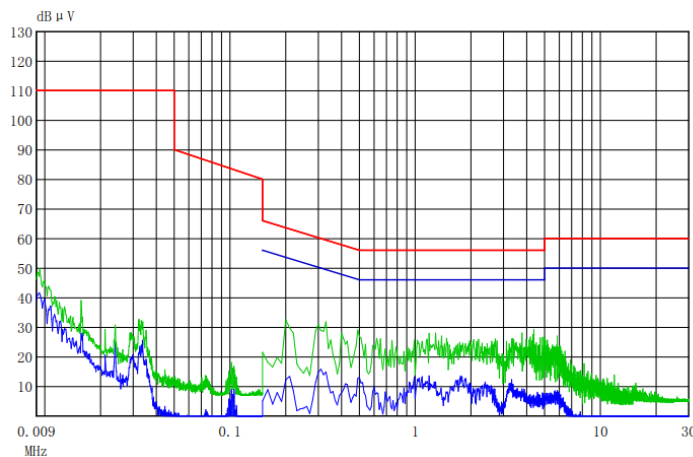
Version: V1.0

### 3W Switch-Mode Power Supply

#### KEY FEATURES

MODEL NO. (Single Output)		AE03W S05V	AE03W S06V	AE03W S075V	AE03W S08V	AE03W S09V	AE03W S12V	AE03W S15V	AE03W S18V	AE03W S24V	
Max Output Wattage (W)		3W									
Input	Voltage Range	85-265VAC/47-63Hz									
	Current (Full load)	100mA max. (100VAC)/ 100 mA max.(240VAC)									
	Inrush Current (<500us)	15A max.(100VAC)/ 25 A max.(240VAC)									
	No Load Losses	0.1W Max									
	Leakage Current	0.35mA Max									
Output	Voltage(V.DC.)	5V	6V	7.5V	8V	9V	12V	15V	18V	24V	
	Voltage Accuracy (Full Load)	±5%									
	Current (mA) max	600	500	400	333	300	250	200	166	125	
	Ripple And Noise	< 30mV max (Vp-p),					< 50mV max (Vp-p)				
	Efficiency (90-240VAC input At Full Load)	70% Min (typical ~80%)									
	Protection Circuit	Over Power, Over Voltage And Short Circuit Protection									
Isolation	Input vs OP1/OP2 OP1 vs OP2 (V.AC)	3600V/50Hz 5mA 1min (OR 4200VAC/2S)									
Environment	Operating Temperature	-25°C...+70°C (Refer to Derating Curve)									
	Storage Temperature	-40°C...+105°C									
Physical	Weight	~ 36g									
Safety and EMC	Agency Approvals	Complies with IEC/EN61558-1, IEC/EN60950-1									
	EMI+EMC	Complies with EN 55022 AND EN55024									

#### Typical EMC test



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