


**■ Features:**

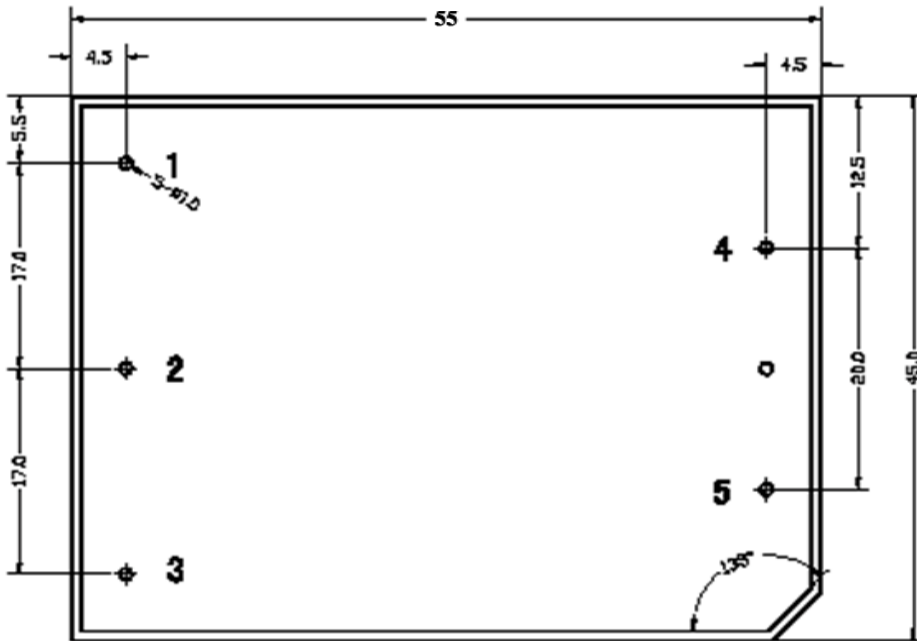
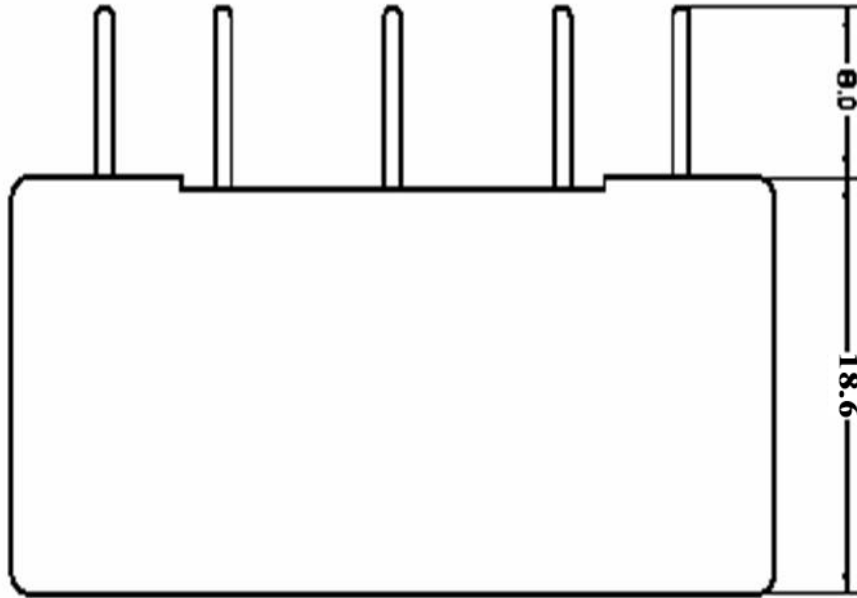
- High Efficiency, and High reliability
- Output protections: SCP/ OPP/OLP
- Operating ambient temperature (0°C~50°C)
- All using 105°C long life electrolytic capacitors.
- 100% full load burn-in test
- 2 years warranty

**SPECIFICATION**

MODEL		PMA-H5S12	PMA-H5S5
OUTPUT	DC Output	12.0V	5.0V
	Rated Current	0.5A	1.0A
	Current Range	0~0.5A	0~1.0A
	Ripple and Noise <small>Note 2</small>	100mV	50mV
	Voltage Accuracy	11.6V~13.2V	4.75V~5.45V
	Line Regulation	±0.5%	±0.5%
	Load Regulation	±2.0%	±2.0%
	Set-up Time	<=1.5S (220Vac input, Full load)	
	Hold up Time	>=20mS(220Vac input, Full load)	
	Temperature Coefficient	±0.03%/ °C	
	Overshoot and Undershoot	<2.0%	
INPUT	Voltage Range	150Vac~265Vac	
	Frequency Range	47Hz~63Hz	
	Efficiency ( Typical)	74%	60%
	AC Current (max.)	0.5A	0.2A
	Inrush Current (Typical)	30A@220Vac Cold start	
	Leakage Current	<3.5Ma	
PROTECTION	Over Current	180%~275% of rated output current	
	Shorted Circuit	Long-term mode, auto recovery	
ENVIRONMENT	Operating amb. Temp. & Hum.	-25°C~70°C;( derating from 50°C, 50°C@100%load,70°C@50%load) 20%~90%RH No condensing	
	Storage Temp. & Hum.	-35°C~85°C; 10%~95%RH No condensing	
SAFETY & EMC <small>Note 3</small>	Safety Standards	GB4943; EN60950-1	
	Withstand Voltage	Primary-Secondary1.5KVac; Primary-PG:1.5KVac; Secondary-PG:0.5KVDC	
	Isolation Resistance	50M ohms	
	EMI(Conduction)	EN55022 Class B; FCC Part 15.B; EN55022 Class B; FCC Part 15.B	
	EMS Immunity	REEN61000-4-11	
OTHERS	MTBF (MIL-HDBK-217F)	More than 100,000Hrs (25°C, Full load)	
	Dimension (L*W*H)	55×45×18mm	
	Cooling method	Cooling by free air convection	
NOTE	<ol style="list-style-type: none"> <li>1. All parameters NOT specially mentioned are measured at rated input, rated load and 25°C of ambient temperature.</li> <li>2. Measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 uF &amp; 47uF parallel capacitor.</li> <li>3. The SPS is considered a component which will be installed into final equipment. The equipment must be re-confirmed that it still meets EMC directives.</li> </ol>		

■ Mechanical Specification

Unit: mm



Pin No.	Assignment
1	AC-L
2	AC-N
3	F.G
4	DC output +V
5	DC output -V