Features:

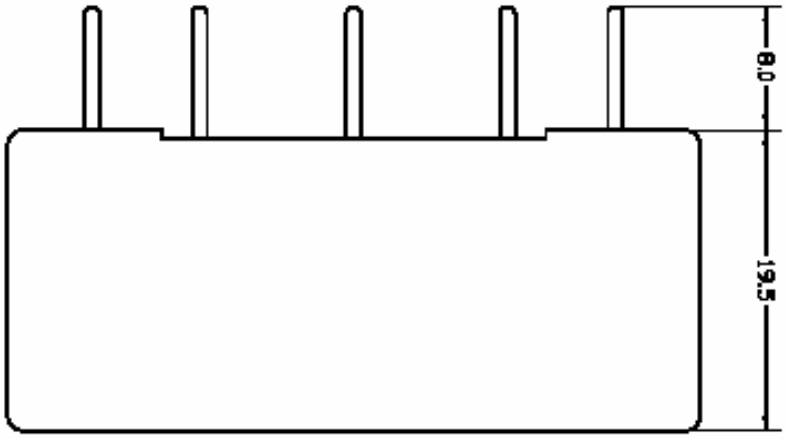
- High Efficiency, and High reliability
- Output protections: SCP/ OPP/OLP
- Operating ambient temperature (0℃~50℃)
- All using 105℃ Japan long life electrolytic capacitors.
- 100% full load burn-in test
- 2 years warranty

SPECIFICATION

MODEL		PMA-H10S12	PMA-H10S5
OUTPUT	DC Output	12.0V	5.0V
	Rated Current	0.8A	2.0A
	Current Range	0.08~0.8A	0.2~2.0A
	Ripple and Noise Note 2	80mV	85mV
	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 %/℃	
	Overshoot and Undershoot	<2.0%	
INPUT	Voltage Range	150Vac~265Vac	
	Frequency Range	47Hz~63Hz	
	Efficiency (Typical)	76%	72%
	AC Current (max.)	0.2A	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.	0℃~50℃; 20%~90%RH No condensing	
	Storage Temp. & Hum.	-25℃~85℃; 10%~95%RH No condensing	
SAFETY &EMC Note 4	Safety Standards	GB4943; EN60950	
	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℃, Full load)	
	Dimension (L*W*H)	62×45×19mm	
	Cooling method	Cooling by free air convection	
NOTE	1. All parameters NOT specially mentioned are measured at rated input, rated load and 25℃ of ambient temperature. 2. Measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 uF & 47uF parallel capacitor. 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.		

■ Mechanical Specification

Unit: mm



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