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SPP-100P Series

100W, Single Output
 Active P.F.C Function



222 x 62 x 34 mm
 8.74 x 2.44 x 1.34 inch

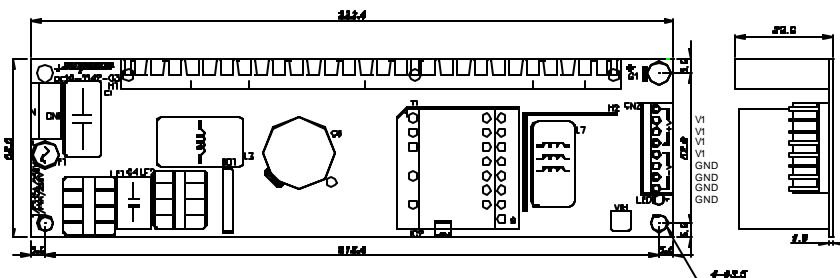
Features:

Universal AC input with active power factor correction, P.F.>0.95
Over load, over voltage & short circuit protection
Built-in EMI filter, low ripple noise
Output voltage $\pm 10\%$ adjustment
100% 50 burn-in test
Meet UL, cUL, TUV standard
2 years warranty

Specification:

INPUT	Voltage	90V --- 264V Universal full range, single phase.							
	Frequency	47 --- 63 Hz							
	Current	<2.5A@100V AC input, full load condition							
	Inrush Current	<30A@115V / <60A@230V AC input, full load condition. Cold start at 25 ambient							
	Power Factor	Meet IEC 1000-3-2 class D, P.F.>0.95							
OUTPUT		SPP-100P-3.3	SPP-100P-05	SPP-100P-7.5	SPP-100P-12	SPP-100P-15	SPP-100P-24	SPP-100P-28	SPP-100P-48
	Voltage	3.3V	5V	7.5V	12V	15V	24V	28V	48V
	Max. Load	25A	20A	13.4A	8.5A	6.8A	4.2A	3.6A	2.1A
	Regulation	$\pm 3\%$	$\pm 2\%$			$\pm 1\%$			
	Ripple Noise(max)	50mV		80mV	120mV	150mV	240mV	280mV	300mV
	Efficiency (typ)	68%	76%	78%	79%	80%	80%	81%	81%
PROTECTION	Over Voltage Protection	3.8V- 4.6V	5.8V-7.0V	8.6V-10.5V	13.8V-17.5V	17.3V-21V	27.6V-33.6V	32.2V-39.2V	55.2V-67.2V
	Over Load Protection	Over 105% ~ 150% of rating, shutdown. Auto recovery when fault condition been removed.							
	Short Circuit Protection	Shutdown . Auto recovery when fault condition been removed.							
OTHERS	Rise time	<30mS							
	Hold up time	>20mS@230V							
	Cooling	Natural cooling (When output exceed 80W, a 16CFM (min) Fan is required.							
Environment	Temperature	Operating: 0~70 ; derating: 50 ~70 : 2.5%/ . Storage: -10~+75							
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)							
M.T.B.F.	275K hours								
SAFETY	Meet UL 60950, CSA C22.2 No. 60950, TUV EN 60950, IEC 60950, EMKO-TSE (74-SEC)207/94								
EMC	EMI	FCC CFR 47 PART 15 CLASS B, EN 50081-1, CNS 13438 CALSS B.							
	EMS	EN 50082-1 (1997)							

Dimension:



CONNECTORS:
 AC INPUT : CN1 MOLEX 5277-05 OR EQUIVALENT.
 DC OUTPUT : CN2 MOLEX 5273-08 OR EQUIVALENT.