

**AC TO DC POWER SUPPLIE****SPECIFICATION**

<b>MODEL</b>	PS0502A
<b>INPUT</b>	
I/P	230V AC, 1-Ph
Frequency	47-63Hz
Range	180-270V AC
Fuse Protection.	Yes
Soft Start	Yes
Inrush current	@230V AC
*AC Current	
Leakage Current	<5mA@230V AC
<b>OUTPUT</b>	
Nominal Voltage	5V DC
Voltage Range	5-5.5V
Rated Current	2A
Line Regulation	+/- 1%
Load Regulation	+/- 1%
Ripple Max	+/- 1% (P-P)
Noise Max	+/- 1% (P-P)
Protections	a) Overload Protection auto recovery type:102-105% b) Short circuit protection auto recovery type:Yes c) OVP Protection Latching type:105-110%
Current Limit.	Yes
Start up time	---
Hold up time	@230V AC
<b>ENVIRONMENTAL</b>	
Operating temperature upto 50 <sup>0</sup> C.	
Humidity	< 95% Rh
IP 21 Protection	
<b>GENERAL</b>	
Isolation	Input to Output – 1.5KV Input to Earth – 1.5KV Output to Earth- 500V
MTBF	50K Hrs to MIL
<b>MECHANICAL</b>	
Dimension	100 X 65 X 40H mm – with box 90 X 45 X 30H mm – open type
Cooling type	Natural
Weight	0.2Kg