

YEH TECHNOLOGY CO., LTD.

ENGINEERING SPECIFICATION/A'PPD DRAWING

Specification : (All Specification Are Typical At Nominal Line , Full Load Condition At 25 ° C .)

1. Input Specifications :

- 1-1 Input Voltage : 4.50 VDC To 5.50 VDC. Nominal At 5.00 VDC.
- 1-2 Input Filter : C Type.
- 1-3 Input Current : No Load 15.0mA. Full Load 230.0mA.

2. Output Specifications :

- 2-1 Output Voltage : 5.0 VDC.
- 2-2 Output Current : 200 mA, Full Load 25 Ohm. Min. Load 50 mA.
- 2-3 Output Voltage Accuracy : +/- 3.0 % Max..
- 2-4 Line Regulation : +/- 1.2 % Max..
- 2-5 Load Regulation (20% To 100% Load) : +/- 10.0 % Max..
- 2-6 Ripple And Noise (20 Mhz Band Limit) : 70mV p-p Max..
- 2-7 Output Short Circuit Protection : Short Term .

3. General Specifications :

- 3-1 Efficiency (At Full Load) : 84.0 % Typ.
- 3-2 Isolation Voltage : 1000 VDC Min.. Leakage Current : 1.0 mA.
- 3-3 Switching Frequency (At Full Load) : 50.0 Khz Min..

4. Environmental Specifications :

- 4-1 Operation Temperature : -40 ° C To +80 ° C.
- 4-2 Storage Temperature : -55 ° C To 100 ° C.
- 4-3 Cooling : Free-Air Convection.

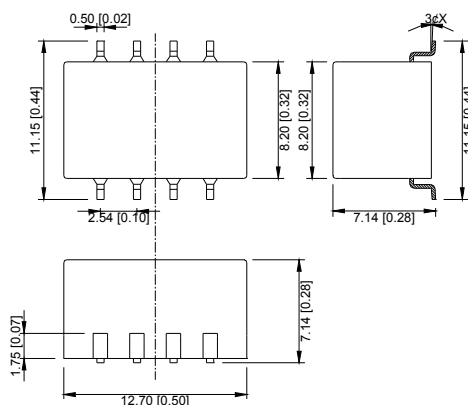
5. Physical Specifications :

- 5-1 Case Material : ● Non-Conductive Black Plastic.
- 5-2 Weight : 1.37 Grams.

6. Dimensions :

Pin Function

- Pin 1 -Vin
- Pin 2 +Vin
- Pin 3 NC
- Pin 4 Vout-
- Pin 5 Vout+
- Pin 6 NC
- Pin 7 NC
- Pin 8 NC



Unit : m/m[inch]±0.25m/m

6. Test Data :

Input Voltage : 5 VDC. Load Current : 193 mA

	Input Current		Output Voltage		Ripple & Noise		Line Reg.	load Reg.	Short Current	Eff.	HI-POT Isolation	Freq.
	No Load	Full Load	Min. Load	Min. Load	Output 1	Output 2						
	15mA	230mA	Full Load	Full Load	+100mV	mV						
	12	226	5.23		23		1.12%	5.73%		84.42%	Ok	56
	12	226	5.27		33		1.12%	6.66%		84.39%	Ok	55
			4.94									

Issue Date :	12/06/2010	Model Number MS-05050-1U 200mA	Revision :	0
Drawing By :	J.K Lee		Revision Date :	
A'ppd By :	Jim Wang		Page :	1 Of 1