



# MEAN WELL

## SWITCHING POWER SUPPLY

ISO-9001 CERTIFIED MANUFACTURER

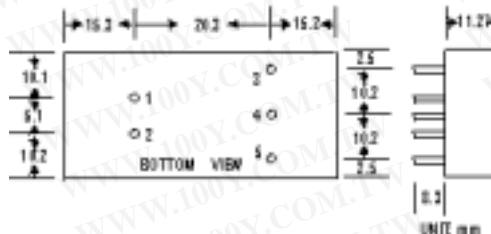
## SLW05B SERIES



- |                                 |                                  |
|---------------------------------|----------------------------------|
| .2:1 WIDE INPUT RANGE           | .NO EXTERNAL COMPONENTS REQUIRED |
| .REGULATED DC OUTPUT            | .HIGH PERFORMANCE / LOW PRICE    |
| .1000VDC I/O ISOLATION          | .SHORT CIRCUIT PROTECTION        |
| .3000VDC ISOLATION IS AVAILABLE | .100% BURN-IN TEST               |
| .INPUT PI NETWORK FILTER        | .1 YEAR WARRANTY                 |
| .INDUSTRY STANDARD PACKAGE      | .MTBF:500,000 HOURS              |

MODEL	SLW05B-05	SLW05B-09	SLW05B-12	SLW05B-15
SPECIFICATION				
DC OUTPUT VOLTAGE	5V	9V	12V	15V
OUTPUT VOLTAGE ACCURACY	±2%			
OUTPUT RATED CURRENT	1000mA	556mA	417mA	333mA
OUTPUT CURRENT RANGE	0-1000mA	0-556mA	0-417mA	0-333mA
RIPPLE & NOISE	100mVp-p (max.)			
LINE REGULATION	± 0.2%	±0.2%	±0.2%	±0.2%
LOAD REGULATION	± 1%	± 1%	± 1%	± 1%
DC OUTPUT POWER	5W	5W	5W	5W
EFFICIENCY	77%	81%	82%	83%
SWITCHING FREQUENCY	50KHz min.			
INPUT VOLTAGE RANGE	18-36VDC			
INPUT CURRENT	270mA max.			
SHORT CIRCUIT PROTECTION	CONTINUOUS			
OVER VOLTAGE PROTECTION	-----			
TEMP. COEFFICIENT	±0.02% / °C (0-50°C)			
ISOLATION VOLTAGE	I/P-O/P:1KVDC MIN.			
ISOLATION RESISTANCE	I/P-O/P:500VDC / 100M Ohms MIN.			
ISOLATION CAPACITANCE	-----			
WORKING TEMP., HUMIDITY	-15°C~+60°C, 20%~90% RH (NO DERATING); 80% LOAD @ 71°C			
STORAGE TEMP., HUMIDITY	-25°C~+85°C, 10%~95% RH			
DIMENSION	2"*1"*0.44"			
WEIGHT	31g			
CASE MATERIAL	FIVE-SIDED SHIELD METAL CASE			

### MECHANISM AND PIN CONFIGURATION



Pin no.	Output
1	+Vin
2	-Vin
3	+Vout
4	No Pin
5	GROUND

- NOTE :
- 1.ALL PARAMETERS ARE SPECIFIED AT RATED INPUT, RATED LOAD, 25°C 70% RH. AMBIENT.
  - 2.RIPPLE & NOISE ARE MEASURED AT 20MHz BY USING A 12" TWISTED PAIR TERMINATED WITH A 0.1uF & 47uF CAPACITOR.
  - 3.LINE REGULATION IS MEASURED FROM LOW LINE TO HIGH LINE AT RATED LOAD.
  - 4.LOAD REGULATION IS MEASURED FROM 20% TO 100% RATED LOAD.

1999-09-20

勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-54151736  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)



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## SLW05C SERIES

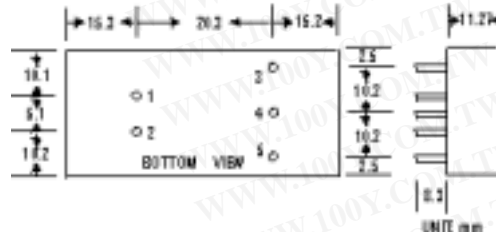
- .2:1 WIDE INPUT RANGE
- .REGULATED DC OUTPUT
- .1000VDC I/O ISOLATION
- .3000VDC ISOLATION IS AVAILABLE
- .INPUT PI NETWORK FILTER
- .INDUSTRY STANDARD PACKAGE
- .NO EXTERNAL COMPONENTS REQUIRED
- .HIGH PERFORMANCE / LOW PRICE
- .SHORT CIRCUIT PROTECTION
- .100% BURN-IN TEST
- .1 YEAR WARRANTY
- .MTBF:500,000 HOURS



MODEL	SLW05C-05	SLW05C-09	SLW05C-12	SLW05C-15
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OUTPUT VOLTAGE ACCURACY	±2%			
OUTPUT RATED CURRENT	1000mA	556mA	417mA	333mA
OUTPUT CURRENT RANGE	0-1000mA	0-556mA	0-417mA	0-333mA
RIPPLE & NOISE	100mVp-p (max.)			
LINE REGULATION	± 0.2%	±0.2%	±0.2%	±0.2%
LOAD REGULATION	± 1%	± 1%	± 1%	± 1%
DC OUTPUT POWER	5W	5W	5W	5W
EFFICIENCY	77%	83%	83%	85%
SWITCHING FREQUENCY	50KHz min.			
INPUT VOLTAGE RANGE	36-72VDC			
INPUT CURRENT	135mA max.			
SHORT CIRCUIT PROTECTION	CONTINUOUS			
OVER VOLTAGE PROTECTION	-----			
TEMP. COEFFICIENT	±0.02% / °C (0-50° C)			
ISOLATION VOLTAGE	I/P-O/P:1KVDC MIN.			
ISOLATION RESISTANCE	I/P-O/P:500VDC / 100M Ohms MIN.			
ISOLATION CAPACITANCE	-----			
WORKING TEMP., HUMIDITY	-15°C~+60°C, 20%~90% RH (NO DERATING); 80% LOAD @ 71° C			
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