



MEAN WELL

SWITCHING POWER SUPPLY

ISO-9001 CERTIFIED MANUFACTURER

SLW05A 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	SLW05A-05	SLW05A-09	SLW05A-12	SLW05A-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	75%	80%	80%	81%												
SWITCHING FREQUENCY	50KHz min.															
INPUT VOLTAGE RANGE	9-18VDC															
INPUT CURRENT	556mA 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	<table border="1" style="float: right;"> <thead> <tr> <th>Pin no.</th> <th>Output</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>+Vin</td> </tr> <tr> <td>2</td> <td>-Vin</td> </tr> <tr> <td>3</td> <td>+Vout</td> </tr> <tr> <td>4</td> <td>No Pin</td> </tr> <tr> <td>5</td> <td>GROUND</td> </tr> </tbody> </table>				Pin no.	Output	1	+Vin	2	-Vin	3	+Vout	4	No Pin	5	GROUND
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.



MEAN WELL

SWITCHING POWER SUPPLY

ISO-9001 CERTIFIED MANUFACTURER

SLW05B SERIES

- | | |
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| .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															
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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.
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MEAN WELL

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SLW05C SERIES

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SPECIFICATION																
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OUTPUT VOLTAGE ACCURACY	±2%															
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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.															
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