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# MEAN WELL

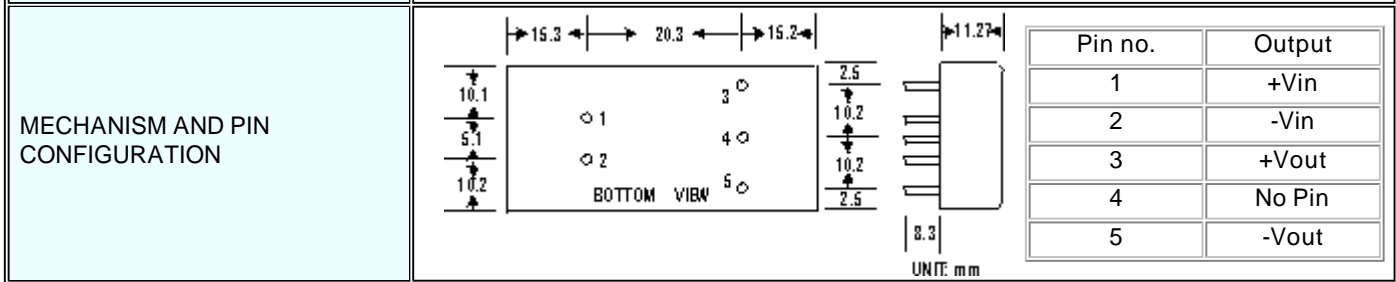
SWITCHING POWER SUPPLY  
ISO-9001 CERTIFIED MANUFACTURER

## SLW05A SERIES

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



MODEL	SLW05A-033	SLW05A-05	SLW05A-09	SLW05A-12	SLW05A-15
SPECIFICATION					
DC OUTPUT VOLTAGE	3.3V	5V	9V	12V	15V
OUTPUT VOLTAGE ACCURACY	± 2%				
OUTPUT RATED CURRENT	1500mA	1000mA	556mA	417mA	333mA
OUTPUT CURRENT RANGE	150-1000mA	100-1000mA	100-556mA	41.7-417mA	33.3-333mA
RIPPLE & NOISE	100mVp-p (max.)				
LINE REGULATION	± 0.2%	± 0.2%	± 0.2%	± 0.2%	± 0.2%
LOAD REGULATION	± 0.5%	± 0.5%	± 0.5%	± 0.5%	± 0.5%
DC OUTPUT POWER	5W	5W	5W	5W	5W
EFFICIENCY	70%	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	± 0.03% / ° C (0~50° C)				
ISOLATION VOLTAGE	I/P-O/P:1KVDC MIN.				
ISOLATION RESISTANCE	I/P-O/P:100M Ohms MIN. @500VDC				
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 METERIAL	FIVE-SIDED SHIELD OF METAL CASE				



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.