



MEAN WELL

SWITCHING POWER SUPPLY

ISO-9001 CERTIFIED MANUFACTURER

DLW05A SERIES

- | | |
|---------------------------------|----------------------------------|
| .2:1 WIDE INPUT RANGE | .NO EXTERNAL COMPONENTS REQUIRED |
| .REGULATED DC OUTPUT | .HIGH PERFORMACE / 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	DLW05A-05		DLW05A-12		DLW05A-15													
SPECIFICATION																		
DC OUTPUT VOLTAGE	+5V	-5V	+12V	-12V	+15V	-15V												
OUTPUT VOLTAGE ACCURACY	±2%																	
OUTPUT RATED CURRENT	500mA	500mA	208mA	208mA	167mA	167mA												
OUTPUT CURRENT RANGE	0-500mA	0-500mA	0-208mA	0-208mA	0-167mA	0-167mA												
RIPPLE & NOISE	100mVp-p (max.)																	
LINE REGULATION	± 0.2%																	
LOAD REGULATION	± 2%																	
DC OUTPUT POWER	5W																	
EFFICIENCY	75%		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	32g																	
CASE METERIAL	FIVE-SIDED SHIELD METAL CASE																	
MECHANISM AND PIN CONFIGURATION						<table border="1"> <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>COM</td> </tr> <tr> <td>5</td> <td>-Vout</td> </tr> </tbody> </table>	Pin no.	Output	1	+Vin	2	-Vin	3	+Vout	4	COM	5	-Vout
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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.
 4.LOAD REGULATION IS MEASURED FROM 20% TO 100% RATED LOAD.



MEAN WELL

SWITCHING POWER SUPPLY

ISO-9001 CERTIFIED MANUFACTURER

DLW05B SERIES

- | | |
|---------------------------------|----------------------------------|
| .2:1 WIDE INPUT RANGE | .NO EXTERNAL COMPONENTS REQUIRED |
| .REGULATED DC OUTPUT | .HIGH PERFORMACE / 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	DLW05B-05		DLW05B-12		DLW05B-15													
SPECIFICATION																		
DC OUTPUT VOLTAGE	+5V	-5V	+12V	-12V	+15V	-15V												
OUTPUT VOLTAGE ACCURACY	±2%																	
OUTPUT RATED CURRENT	500mA	500mA	208mA	208mA	167mA	167mA												
OUTPUT CURRENT RANGE	0-500mA	0-500mA	0-208mA	0-208mA	0-167mA	0-167mA												
RIPPLE & NOISE	100mVp-p (max.)																	
LINE REGULATION	± 0.2%																	
LOAD REGULATION	± 2%																	
DC OUTPUT POWER	5W																	
EFFICIENCY	77%		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	32g																	
CASE METERIAL	FIVE-SIDED SHIELD METAL CASE																	
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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.
 4.LOAD REGULATION IS MEASURED FROM 20% TO 100% RATED LOAD.



MEAN WELL

SWITCHING POWER SUPPLY

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DLW05C SERIES

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MODEL	DLW05C-05		DLW05C-12		DLW05C-15													
SPECIFICATION																		
DC OUTPUT VOLTAGE	+5V	-5V	+12V	-12V	+15V	-15V												
OUTPUT VOLTAGE ACCURACY	±2%																	
OUTPUT RATED CURRENT	500mA	500mA	208mA	208mA	167mA	167mA												
OUTPUT CURRENT RANGE	0-500mA	0-500mA	0-208mA	0-208mA	0-167mA	0-167mA												
RIPPLE & NOISE	100mVp-p (max.)																	
LINE REGULATION	± 0.2%																	
LOAD REGULATION	± 2%																	
DC OUTPUT POWER	5W																	
EFFICIENCY	77%		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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