



MEAN WELL

SWITCHING POWER SUPPLY

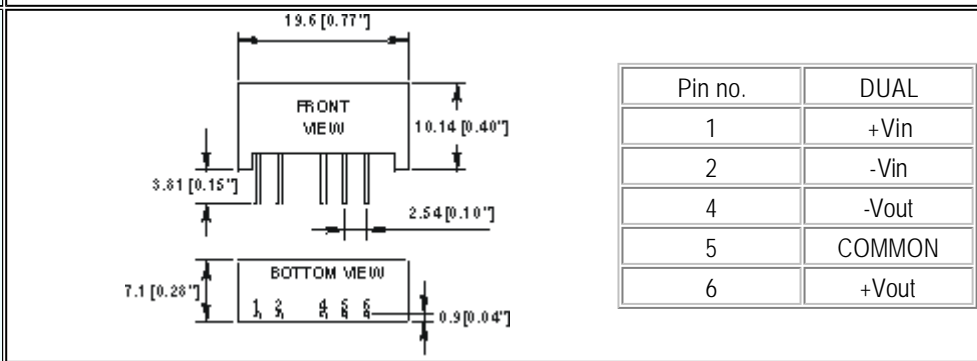
ISO-9001 CERTIFIED MANUFACTURER

DPU02L SERIES

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|------------------------------|----------------------------------|
| .UNREGULATED DC OUTPUT | .NO EXTERNAL COMPONENTS REQUIRED |
| .1000VDC I/O ISOLATION | .HIGH RELIABILITY / LOW COST |
| .INPUT FILTER:CAPACITOR TYPE | .100% BURN-IN TEST |
| .INTERNAL SMD TECHNOLOGY | .MTBF:700,000 HOURS |

ORDER NO.	DPU02L-05	DPU02L-12	DPU02L-15
SPECIFICATION			
DC OUTPUT VOLTAGE	±5V	±12V	±15V
OUTPUT VOLTAGE ACCURACY	±2%		
OUTPUT RATED CURRENT	±200mA	±84mA	±7mA
OUTPUT CURRENT RANGE	0- ±200mA	0- ±84mA	0- ±7mA
RIPPLE & NOISE	100mVp-p (max.)		
LINE REGULATION	±.2% FOR 1% INPUT VARIATION		
LOAD REGULATION	±8% @ 20%-FULL LOAD		
DC OUTPUT POWER	2W	2W	2W
EFFICIENCY	77%	80%	82%
SWITCHING FREQUENCY	100KHz min.		
INPUT VOLTAGE RANGE	5 ±10% (4.5~5.5VDC)		
INPUT CURRENT	520mA max.		
SHORT CIRCUIT PROTECTION	MOMENTARY		
OVER VOLTAGE PROTECTION	-----		
TEMP. COEFFICIENT	±0.03% / °C (0~50°C)		
ISOLATION VOLTAGE	I/P-O/P:1 KVDC MIN.		
ISOLATION RESISTANCE	I/P-O/P:500VDC / 100M Ohms MIN.		
ISOLATION CAPACITANCE	80pF max.		
WORKING TEMP., HUMIDITY	-25°C~+60°C, 20%-90% RH (NO DERATING); 80% LOAD @ 71°C		
STORAGE TEMP., HUMIDITY	-40°C~+105°C, 10%-95% RH		
DIMENSION	0.77" * 0.40" * 0.28"		
WEIGHT	2.3g		
CASE MATERIAL	NON-CONDUCTIVE PLASTIC		

MECHANISM AND PIN CONFIGURATION



- 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.