



- Features :
- 2:1 wide input range
 - 1000VDC I/O isolation
 - Built-in EMI filter
 - Protections: Short circuit / Overload
 - Cooling by free air convection
 - Five-sided shield metal case
 - 100% full load burn-in test
 - Low cost / High reliability
 - 2 years warranty

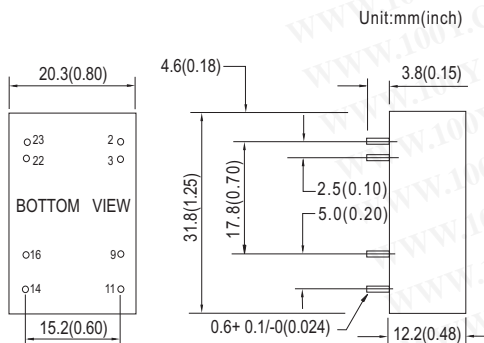
勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)



SPECIFICATION

ORDER NO.	DCW08A-05	DCW08B-05	DCW08C-05	DCW08A-12	DCW08B-12	DCW08C-12	DCW08A-15	DCW08B-15	DCW08C-15
OUTPUT	DC VOLTAGE			±12V			±15V		
	CURRENT RANGE			±66 ~ ±335mA			±52 ~ ±267mA		
	RATED POWER			8W					
	RIPPLE & NOISE (max.) Note.2			50mVp-p			60mVp-p		
	LINE REGULATION Note.3			±0.5%					
	LOAD REGULATION Note.4			±0.5%					
	VOLTAGE ACCURACY			±2.0%					
	SWITCHING FREQUENCY			50KHz min.					
INPUT	VOLTAGE RANGE								
	A: 9 ~ 18VDC			B: 18 ~ 36VDC			C: 36 ~ 72VDC		
	EFFICIENCY (Typ.)								
	75%			78%			80%		
	Full load			A: 888mA B: 426mA C: 215mA			No load		
A: 50mA B: 25mA C: 15mA									
FILTER									
Pi network									
PROTECTION									
Fuse recommended									
PROTECTION Note.5	OVERLOAD								
	110 ~ 250% rated output load Protection type : Hiccup mode, recovers automatically after fault condition is removed								
SHORT CIRCUIT									
All output equipped with over current protection Protection type : Hiccup mode, recovers automatically after fault condition is removed									
ENVIRONMENT	WORKING TEMP.								
	-40 ~ +71°C (refer to output load derating curve)								
	WORKING HUMIDITY								
	20% ~ 90% RH non-condensing								
	STORAGE TEMP., HUMIDITY								
-40 ~ +105°C, 10 ~ 95% RH									
TEMP. COEFFICIENT									
±0.03% / °C (0 ~ 50°C)									
VIBRATION									
10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes									
SAFETY & EMC	WITHSTAND VOLTAGE								
	I/P-O/P:1KVDC								
	ISOLATION RESISTANCE								
	I/P-O/P: 100M Ohms / 500VDC / 25°C / 70% RH								
	ISOLATION CAPACITANCE								
250pF max.									
EMC EMISSION									
Compliance to EN55022 Class B, FCC part 15 Class B									
EMC IMMUNITY									
Compliance to EN61000-4-2,3,4,5,6,8, light industry level, criteria A									
OTHERS	MTBF								
	900khrs min. MIL-HDBK-217F (25°C)								
	DIMENSION								
31.8*20.3*12.2mm (L*W*H) or 1.25**0.80**0.48" inch (L*W*H)									
PACKING									
15g									

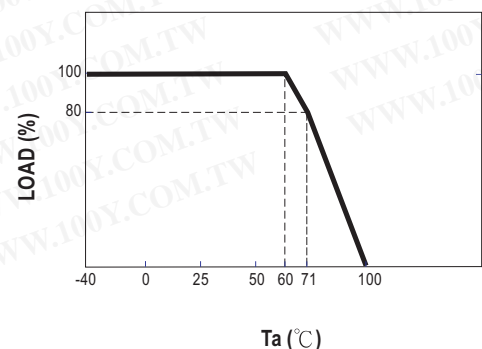
■ Mechanical Specification



■ Pin Configuration

Pin No.	Output
2 & 3	-Vin
9	COM
11	-Vout
14	+Vout
16	COM
22 & 23	+Vin

■ Derating Curve



NOTE

- 1.All parameters are specified at normal 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.
- 5.Please prevent the converter from operating in overload or short circuit condition for more than 30 seconds.