

**Typical performance**

- ◆ Wide Input voltage range
- ◆ Typical Efficiency 85%
- ◆ Switching frequency: 100 KHz
- ◆ Over current / Short circuit protection, Self-furbish
- ◆ Input-output isolate
- ◆ Board in-line type installs
- ◆ Metal case


**Technology parameter**

Test condition: General Nominal Line, Tc=25 °C, Rated resistant load unless other wise specified

Input	Min(Vac)	Nom(Vac)	Max(Vac)	Notes
Vac	165(200Vdc)	220	265(380Vdc)	N
Input voltage	85(120Vdc)	220	265(380Vdc)	W
Frequency range Hz	47		440	
Remote ON/OFF	No Remote			

**Output**

Voltage accuracy		Vo1; Vo2	±1.0%, ±3.0%
Line regulation		Vo1; Vo2	±0.2%; ±0.5%
Load regulation	20% ~ 100%	Vo1; Vo2	±0.5%; ±3.0%
Ripple and noise	20MHz BM		
	Vo≤5.0V, ≤80mVp-p	Vo≥48V, ≤180mVp-p	Other≤120 mVp-p
Turn-on delay time			1S

**General**

Efficiency		Vo≤5.0V,82%	Vo>5.0V, 85%
Switching frequency		100KHz	
Operating temperature		Free air	-25°C ~ +65°C
Storage temperature			-40°C ~ +105°C
Max case temperature			+90°C
Relative humidity			10%~90%

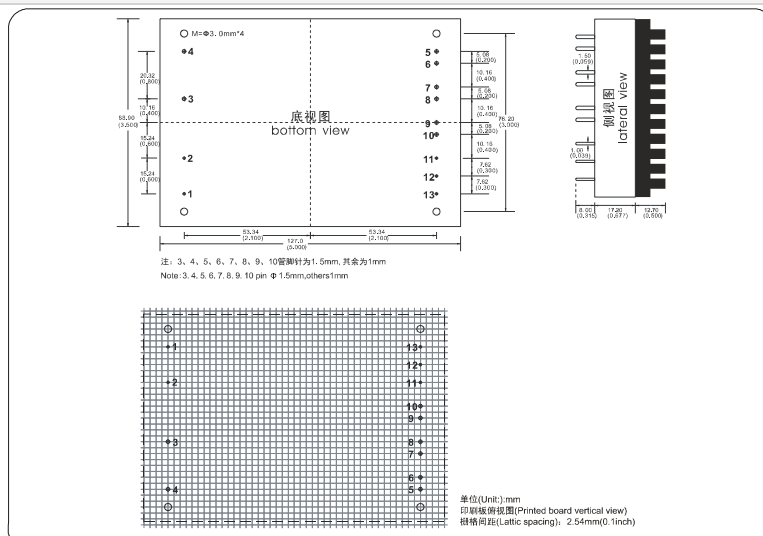
Case Material				Metal case
Isolation Voltage	Input-output 2.5KV $\leq$ 1.5mA/1min; Input- case     Input-FG     1.5KV $\leq$ 1.5mA/1min			
MTBF	2X10 <sup>5</sup> Hrs			

**Typical product tabulates**

TYPE	Input voltage range	Output voltage / current					
		VO1		VO2		VO3	
		V	mA	V	mA	V	mA
WA75-220S05L1	100~265VAC 140~380VDC	5V	15000mA				
WA75-220S12L1		12V	6250mA				
WA75-220S15L1		15V	5000mA				
WA75-220S24L1		24V	3125mA				
WA100-220S12L1		12V	8400 mA				
WA100-220S15L1		15V	6600 mA				
WA100-220S24L1		24V	4200 mA				
WA150-220S12L1		12V	12500 mA				
WA150-220S15L1		15V	10000 mA				
WA150-220S24L1		24V	6250 mA				

Due to space limitations ,the above list is only for some products, If other than a list of products, please contact the Company's sales department.

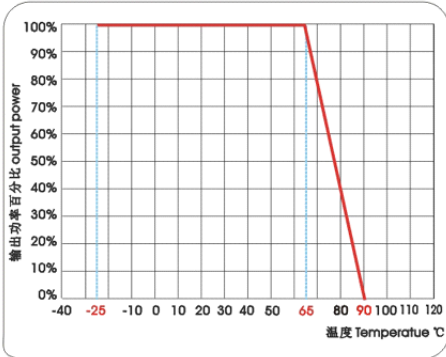
**Mechanical Data**



## Mechanical Data

Packing Series No	L x W x H	
L1	127.00 × 88.90 × 17.20mm	5.000 × 3.500 × 0.677inch

## Typical Temperature Curve



## Pin Assignments

Single	1	2	3	4	5: 6
	NC	FG	AC(N)	AC(L)	+Vo
	7: 8	9: 10	11	12	13
	NP	GND	+S	TRIM	-S

Note: The power modules such as the definition of the pin does not match with the hand book, please refer to the actual item.