

Typical performance

- ◆ Wide Input voltage range
- ◆ Typical Efficiency 85%
- ◆ Switching frequency: 100KHz
- ◆ 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
压 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, 80%	Vo>5.0V, 82%
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%

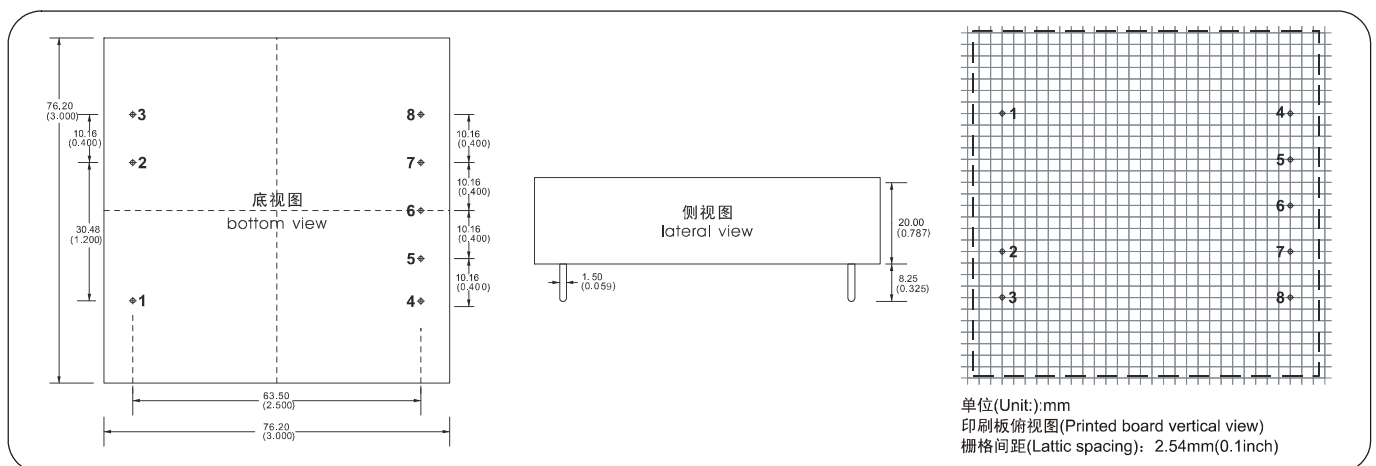
Case material				Metal case
Isolation Voltage	Input-output 2.5KV ≤ 1.5mA/1min ; Input- case Input-FG 1.5KV ≤1.5mA/1min			
MTBF	2X10 ⁵ Hrs			

Typical product tabulates

TYPE	Input voltage range	Output voltage / current					
		VO1		VO2		VO3	
		V	mA	V	mA	V	mA
WA40-220S05K1	85~265VAC 120~380VDC	+5V	8000mA				
WA40-220S12K1		+12V	3300mA				
WA40-220S24K1		+24V	1660mA				
WA40-220D05K1		+5V	4000mA	-5V	4000mA		
WA40-220D12K1		+12V	1660mA	-12V	1660mA		
WA40-220D24K1		+24V	830mA	-24V	830mA		
WA50-220S05K1		+5V	10000mA				
WA50-220S12K1		+12V	4200mA				
WA50-220S24K1		+24V	2080mA				
WA50-220D05K1		+5V	5000mA	-5V	5000mA		
WA50-220D12K1		+12V	2080mA	-12V	2080mA		
WA50-220D24K1		+24V	1040mA	-24V	1040mA		

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

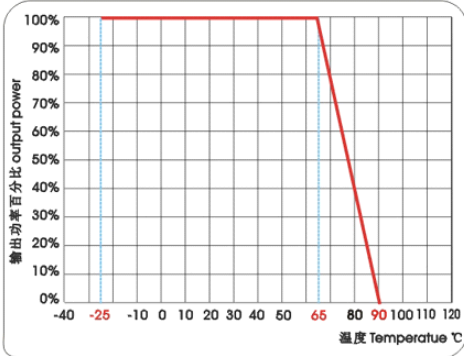
L x W x H

K1

72.60x 72.60 x 20.00 mm

3.000 × 3.000 × 0.787inch

Typical Temperature Curve



Pin Assignments

Single	1	2	3	4	5	6	7	8
	FG	AC(N)	AC(L)	-S	TRIM	+S	GND	Vout
Dual	1	2	3	4	5	6	7	8
	FG	AC(N)	AC(L)	-Vout2	NP	COM	NP	Vout1

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