

Typical performance

- ◆ Wide Input voltage range
- ◆ Typical Efficiency 78%
- ◆ Switching frequency: 60 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, 75%	Vo>5.0V, 78%
Switching frequency		60KHz	
Operating temperature		Free air	-25°C ~ +65°C
Storage temperature			-40°C ~ +105°C
Max case temperature			+90°C
Relative humidity			10%~90%

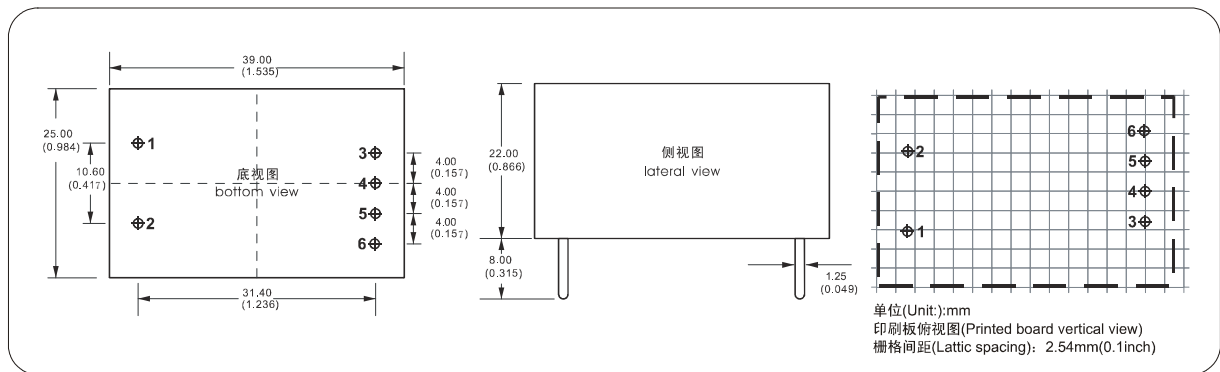
Case material				Metal case
Isolation Voltage	Input-output 2.5KV \leq 1.5mA/1min ; Input- case Input-FG 1.5KV \leq 1.5mA/1min			
MTBF	2X10 ⁵ Hrs			

Typical product tabulates

TYPE	Input voltage range	Output voltage / current					
		VO1		VO2		VO3	
		V	mA	V	mA	V	mA
WA5-220S05D3	85~265VAC 120~380VDC	5V	1000mA				
WA5-220S09D3		9V	550mA				
WA5-220S12D3		12V	420mA				
WA5-220S24D3		24V	210mA				
WA5-220D05D3		+5V	500mA	-5V	500mA		
WA5-220D09D3		+9V	275mA	-9V	275mA		
WA5-220D12D3		+12V	210mA	-12V	210mA		
WA5-220D24D3		+24V	100 mA	-24V	100 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.

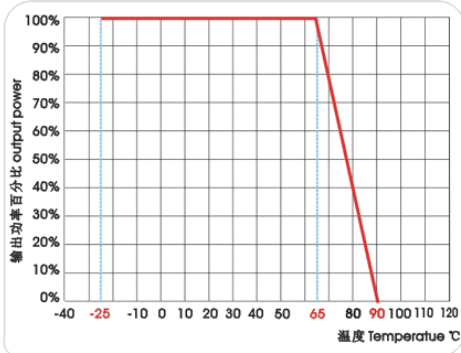
Mechanical Data



Mechanical Data

Packing Series No	L x W x H	
D3	39.0 x 25.0 x 22.00 mm	1.54 x 0.98 x 0.87inch

Typical Temperature Curve



Pin Assignments

Single	1	2	3	4	5	6
	AC(N)	AC(L)	+Vout	NP	GND	NP
Dual	1	1	3	4	5	6
	AC(N)	AC(L)	+Vo1	COM	-Vo2	NP

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