

Typical performance

- ◆ Wide Input voltage range
- ◆ Typical Efficiency 80%
- ◆ Switching frequency: 60-100 KHz
- ◆ Over current / Short circuit protection, Self-furbish
- ◆ Input-output isolate
- ◆ Board in-line type installs
- ◆ Plastic/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, Vo3;	±1.0%, ±3.0%
Line regulation		Vo1; Vo2, Vo3;	±0.2%; ±0.5%
Load regulation	20% ~ 100%	Vo1; Vo2, Vo3;	±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, 78%	Vo>5.0V, 80%
Switching frequency		60-100KHz	
Operating temperature		Free air	-25°C ~ +65°C
Storage temperature			-40°C ~ +105°C
Max case temperature			+90°C
Relative humidity			10%~90%

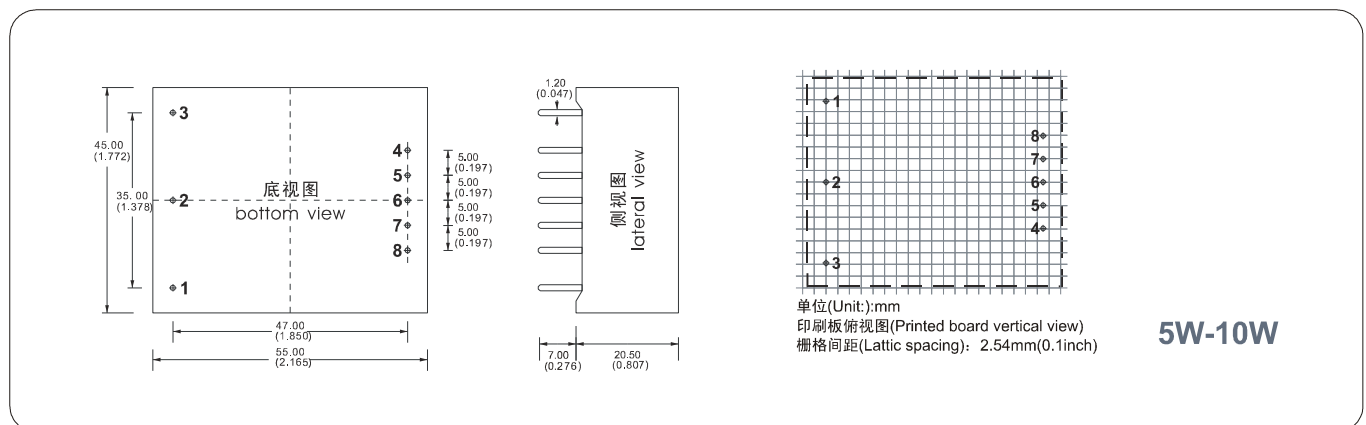
Case material		Plastic: E2/Metal case: E3
Isolation Voltage	Input-output $2.5KV \leq 1.5mA/1min$; Input- case Input-FG $1.5KV \leq 1.5mA/1min$	
MTBF	2X10 ⁵ Hrs	

Typical product tabulates

TYPE	Input voltage range	Output voltage / current					
		VO1		VO2		VO3	
		V	mA	V	mA	V	mA
WA5-220S05E2/E3	85~265VAC 120~380VDC	5V	1000mA				
WA5-220S12E2/E3		12V	420mA				
WA5-220S24E2/E3		24V	210mA				
WA5-220D05E2/E3		+5V	500mA	-5V	500mA		
WA5-220D12E2/E3		+12V	210mA	-12V	210mA		
WA5-220D24E2/E3		+24V	100mA	-24V	100mA		
WA10-220S05E2/E3		5V	2000mA				
WA10-220S12E2/E3		12V	840mA				
WA10-220S24E2/E3		24V	420mA				
WA10-220D05E2/E3		+5V	1000mA	-5V	1000mA		
WA10-220D12E2/E3		+12V	420mA	-12V	420mA		
WA10-220D24E2/E3		+24V	210mA	-24V	210mA		

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.

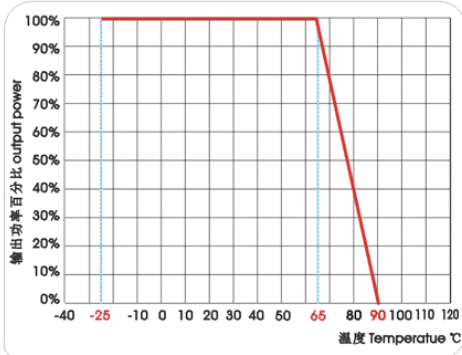
典型产品列表



Mechanical Data

Packing Series No	L x W x H	
E2/E3	55.0 x 45.0 x 20.5 mm	2.165 × 1.772 × 0.807inch

Typical Temperature Curve



Pin Assignments

Pin No	1	2	3	4	5	6	7	8
Single	FG	AC(N)	AC(L)	+Vo	NP	NP	NP	GND
Dual	FG	AC(N)	AC(L)	+Vo1	NP	COM	NP	-Vo2

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