

Typical Performance

FEATURES

- Wide Input voltage range (2:1)
- Typical Efficiency:75%
- Switching frequency: 250KHz
- Low THD
- Input under voltage protect,over voltage protect
- Input-output isolate 500VDC
- PCB Board in-line type installs



Technology parameter Test condition:General Nominal Line,Tc=25°C , Rated resistant load unless other wispecified

Input Feature	Min	Nom	Max	Notes
Input voltage(Vdc)	9	12	18	W 2:1
	18	24	36	W 2:1
	36	48	72	W 2:1

Output Feature

Voltage accuracy				±1.0%
Line regulation				±1.0%
Load regulation	20% ~ 100%			±1.0%
Frequency				25Hz
Total Harmonic Distortin(THD)				±2.0%

General Feature

Efficiency				75% typical
Switching frequency				250KHz
Operating temperature	Free air			-25°C ~ +55°C
Storage temperature				-40°C ~ +105°C
Max case temperature				+95°C
Relative humidity				10%~90%
MTBF	2X10 ⁵ Hrs			

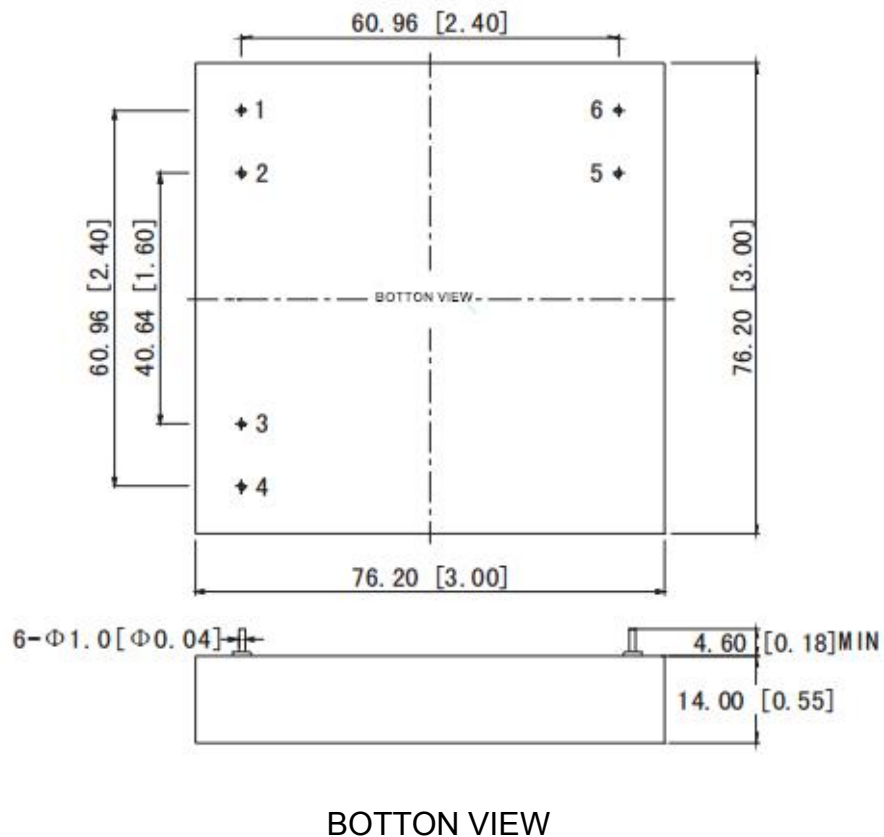
Product Nomination Method

example	L R 15 - 48 S 75 ① ② ③ ④ ⑤ ⑥					
①	Wide input voltage: 2: 1	⑥	output voltage			
②	Power adaptation mode: R (DC-AC)	⑦				
③	Output power(W)					
④	Normal input voltage					
⑤	S=Single route output, D=Dual route output, T=Triple route output, Q=Quadruple output					

Product Program

PART #	Input voltage range	Output voltage / current					
		VO1		VO2		VO3	
		V	mA	V	mA	V	mA
LR20-12S75	12V(9~18V)	75V	267mA				
LR20-24S75	24V(18~36V)	75V	267mA				
LR20-48S75	48V(36~72V)	75V	267mA				

Mechanical Dimension



UNIT:mm(inch)

Pin Assignment

PIN NO.	1	2	3	4	5					
Single O/P	+Vin	-Vin	CASE	Vo2	Vo1					

Mechanical Data

WATT	L x W x H	Packing No.
20W	76.20*76.20*14.00mm(3*3*0.55inch)	

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