



PRODUCT PROGRAM

Model	Package	Output Vo1/Io1	Output Vo2/Io2	Output Vo3/Io3	Output Vo4/Io4	Output Vo5/Io5	Ripple and Noise (max)	Efficiency (%) (typ)	Standby Power (typ)
LB15-00M0512-02MC	74.0x52.0x28.0mm	5V/1A	12V/0.2A	-12V/0.2A	-12V/0.2A	12V/0.2A	100mV	70	0.75

INPUT SPECIFICATIONS

Input voltage range	85~264VAC
Input frequency	47~63Hz
Input current	0.25 A (typ)
External input fuse(recommended)	2A/250V

OUTPUT SPECIFICATIONS

Voltage set accuracy	±2% (main output)	
Input variation	±0.5% (main output)	
Load variation (10-100%)	(balanced load)	±2% (main output) ±5% (supplement output)
Ripple & noise(p-p) (main output)	(20MHz Bandwidth)	50mV (typ. main output) 100mV (max, main output)
Short circuit protection	Continuous, and auto resume	
Over current protection	≥110%Io	

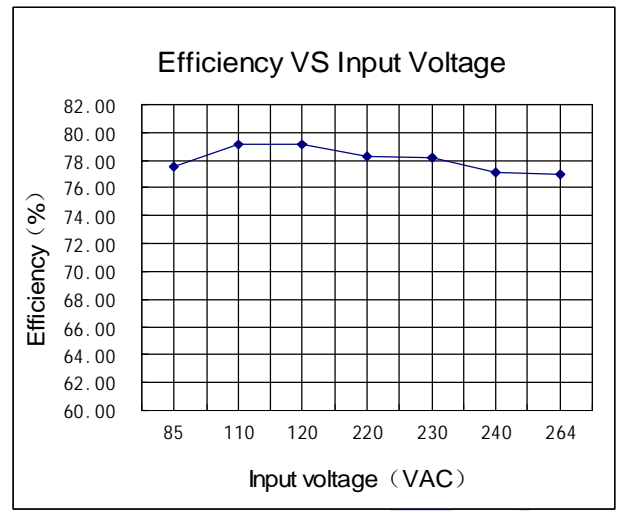
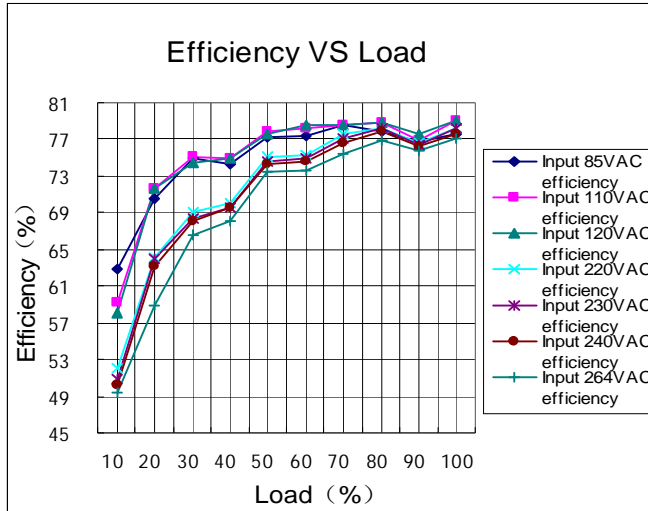
Remarks :

Voltage set accuracy , Input variation, Load variation were measured by the method of balanced load;

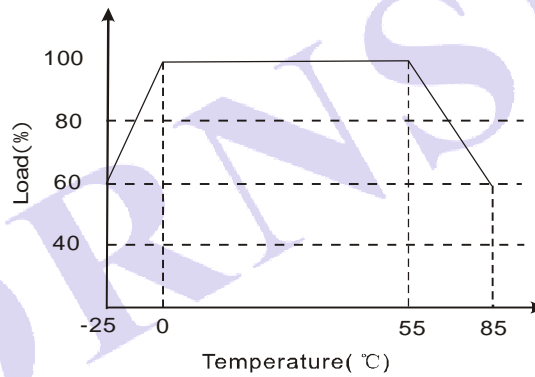
COMMON SPECIFICATIONS

Temperature ranges	Operating : Storage: Case temperature:	-25℃ ~+85℃ -40℃ ~+105℃ +90℃ (max)
Humidity (non condensing)		90%(max)
Temperature coefficient		0.03%/℃
I/O-isolation voltage		2000VAC/1Min
Insulation resistance		100MΩ/Min
Case material		Aluminum
Safety Class		CLASS I
Install		PCB
MTBF		>300,000h @25℃

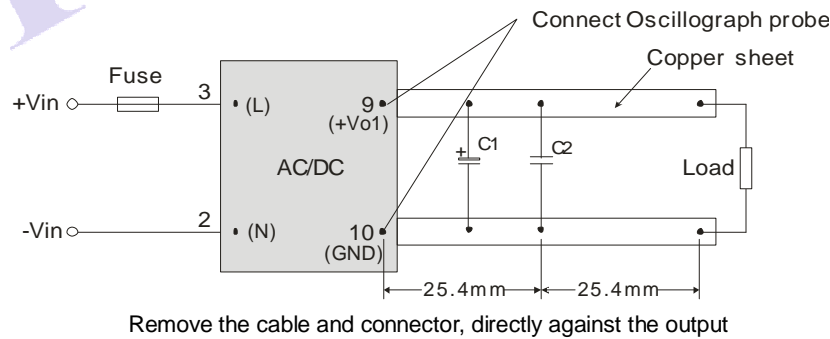
TYPICAL EFFICIENCY CURVE



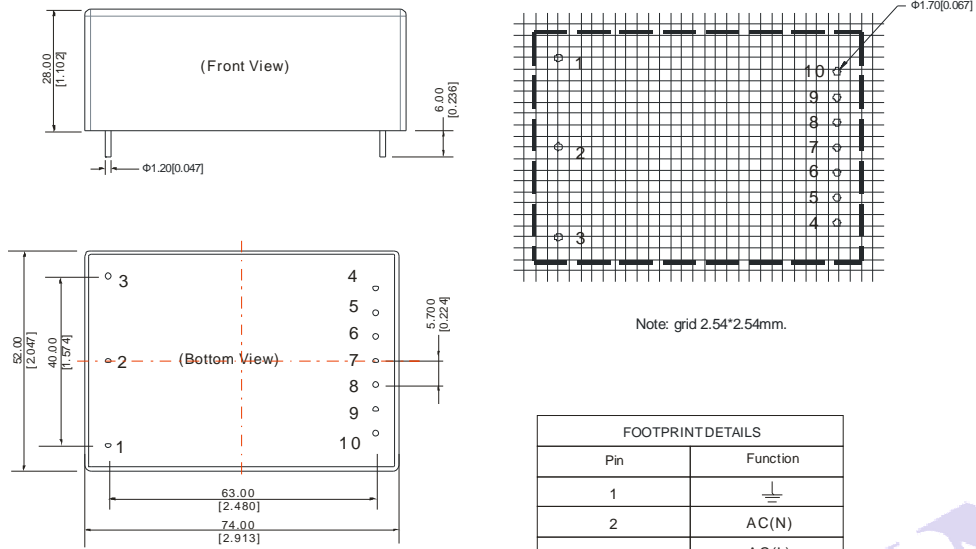
TEMPERATURE VS LOAD



ANEAR MEASURE



OUTLINE DIMENSIONS & FOOTPRINT DETAILS



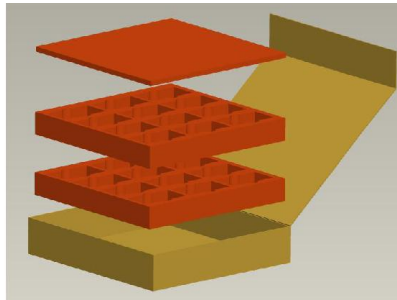
Note:
Unit:mm[inch]
Pin section tolerances $\pm 0.10\text{mm}[\pm 0.004\text{inch}]$
General tolerances $\pm 0.25\text{mm}[\pm 0.010\text{inch}]$

Unit: mm

Note:+Vo1、+Vo2、-Vo3: GND; -Vo4、+Vo5: COM.

MODLES WEIGHT	
WEIGHT	LB15-00M0512-02MC
(Typ.)	120g

PACKAGING DIAGRAM



Inner packaging box dimensions: L*W*H=365*350*105mm
Outer packaging box dimensions: L*W*H=390*360*245mm

Packaging quantity: 24 PCS
Packaging quantity: 48 PCS

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