

GENERAL SPECIFICATION

This specification describes the performance characteristics of a single phase 27 Watts, Dual Output Switching Adaptor.



1) INPUT

| Description | Min. | Nominal | Max. | Condition |
|---|--|----------|--------|---------------------|
| Input Voltage | 90VAC | 115/230V | 264VAC | Auto Range; 50/60Hz |
| Input Current(rms) | 1A@264Vac | 2A@90Vac | | |
| Line Frequency | 47Hz | 50/60Hz | 63Hz | - |
| Efficiency | >70% 115VAC at full load (DC Conversion) | | | |
| EMI: FCC Class B; CISRP22 Class B; EN 55022 Class B | | | | |

2) OUTPUT

2.1) *Voltage Regulation: $\pm 5\%$

***Hold up time:** 10ms typical at full load @ 115VAC

| Model Name | | Nominal Voltage | Max. Power | Output Current | | Ripple & Noise |
|-------------------|-------------------|-----------------|------------|----------------|-----------|----------------|
| AC INLET 2PIN | AC INLET 3PIN | | | MIN. | MAX. | |
| DTA27-0512FWX-W-2 | DTA27-0512FWX-W-3 | +5 | 27W | 0.5A | 2A~5A | 50mV |
| | | +12 | | 0.1A | 0.2A~1.5A | 120mV |

NOTE: 1. Peak to Peak with 20MHz bandwidth and 10uF in parallel with a 0.1uF capacitor.

2. +5V and +12V combined load should not exceed 27W.

3) PROTECTION:

- **OVER VOLTAGE PROTECTION(OVP)**
- **OUTPUT SHORT CIRCUIT PROTECTION**
- **AUTO RECOVERY**

4) ENVIRONMENT

Operating Temperature

0°C to 40°C

Storage Temperature

-10°C to +70°C

MTBF: >100'000 hours at full load and 25°C ambient temperature.

5) SAFETY REQUIREMENTS

UL 1950

CSA 22.2-234

TUV EN60950

IEC 950

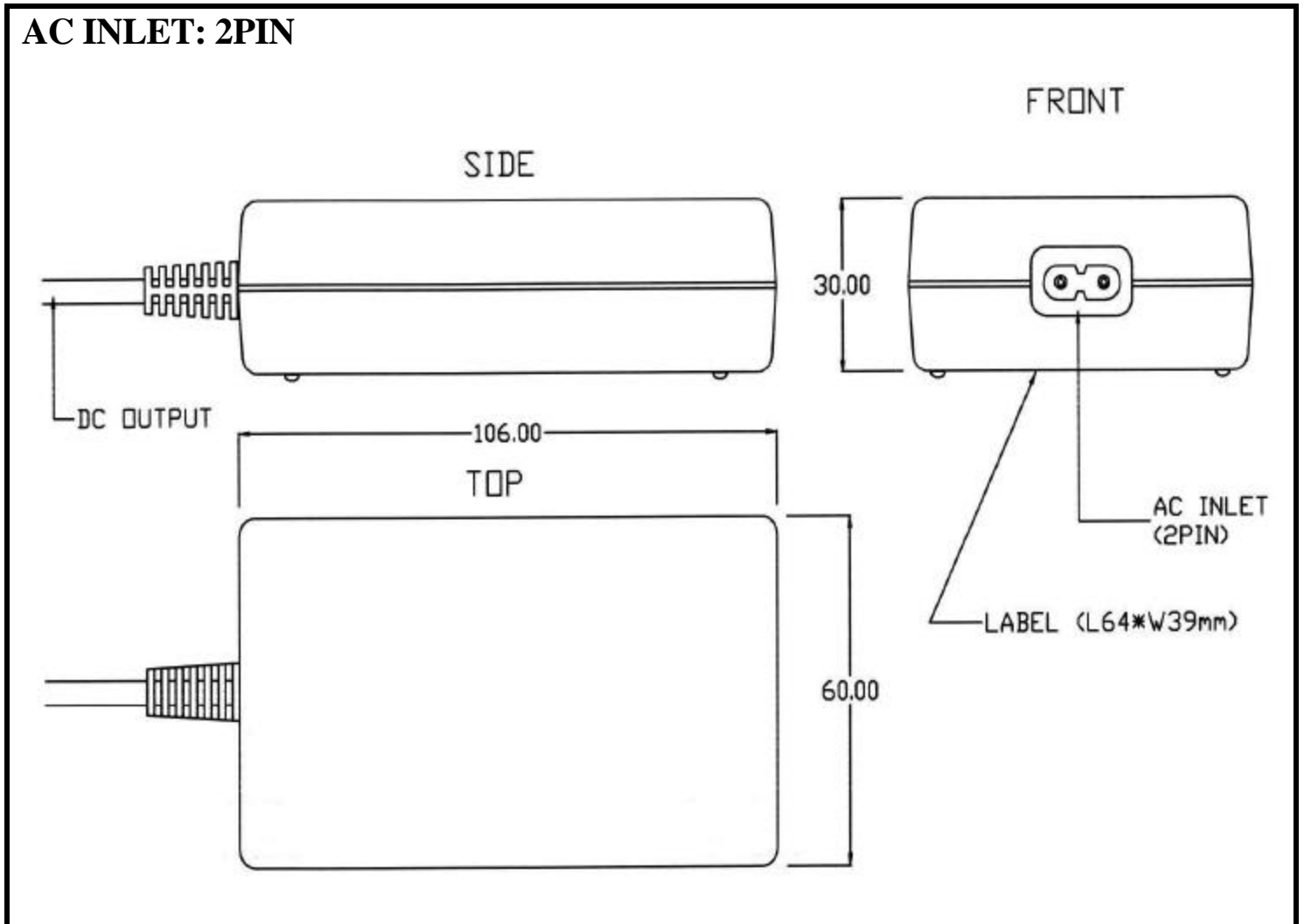
CE: EMC & LVD

6) DIMENTION DIAGRAM

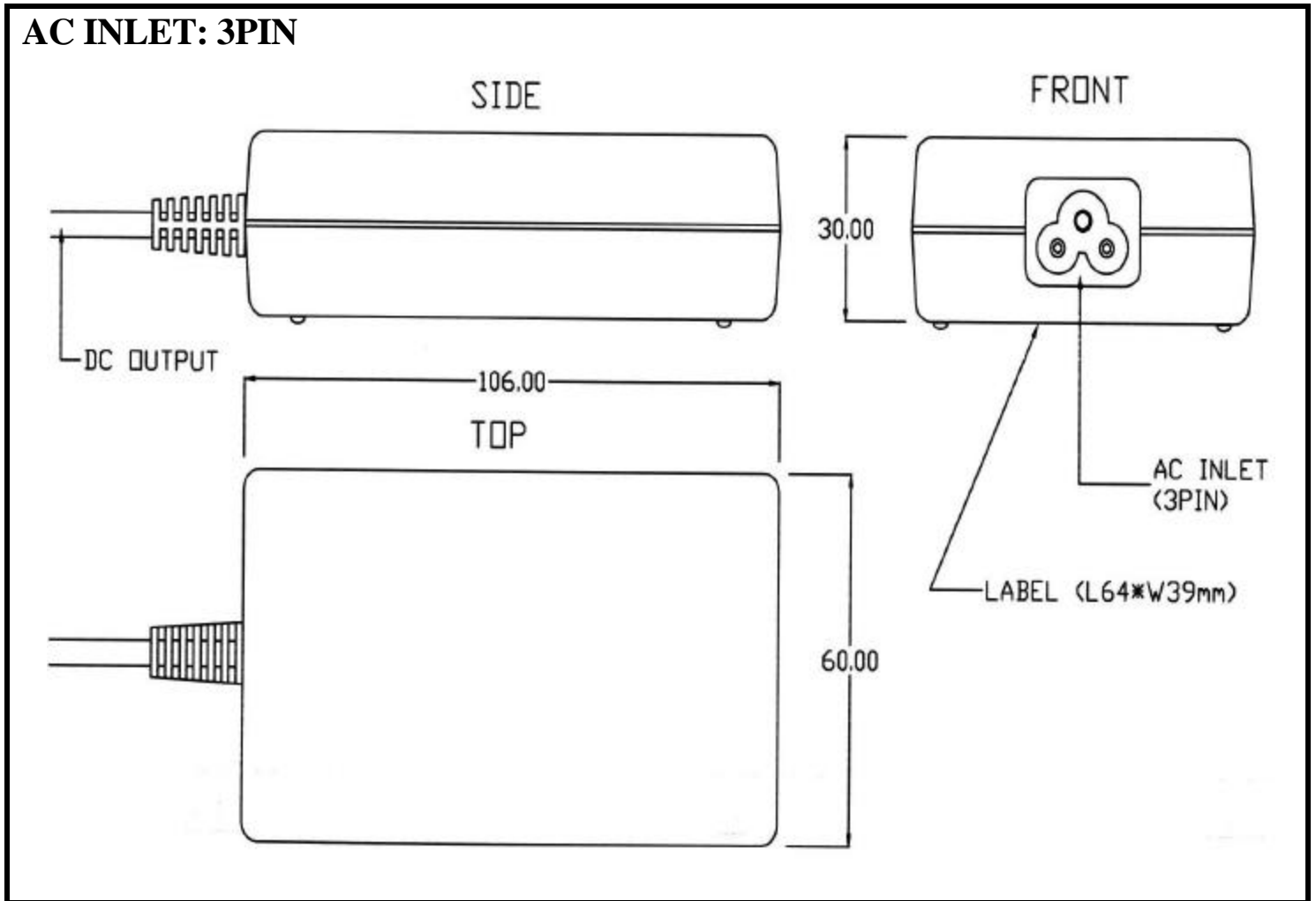
Dimension: 106(L) × 60(W) × 30(H)mm

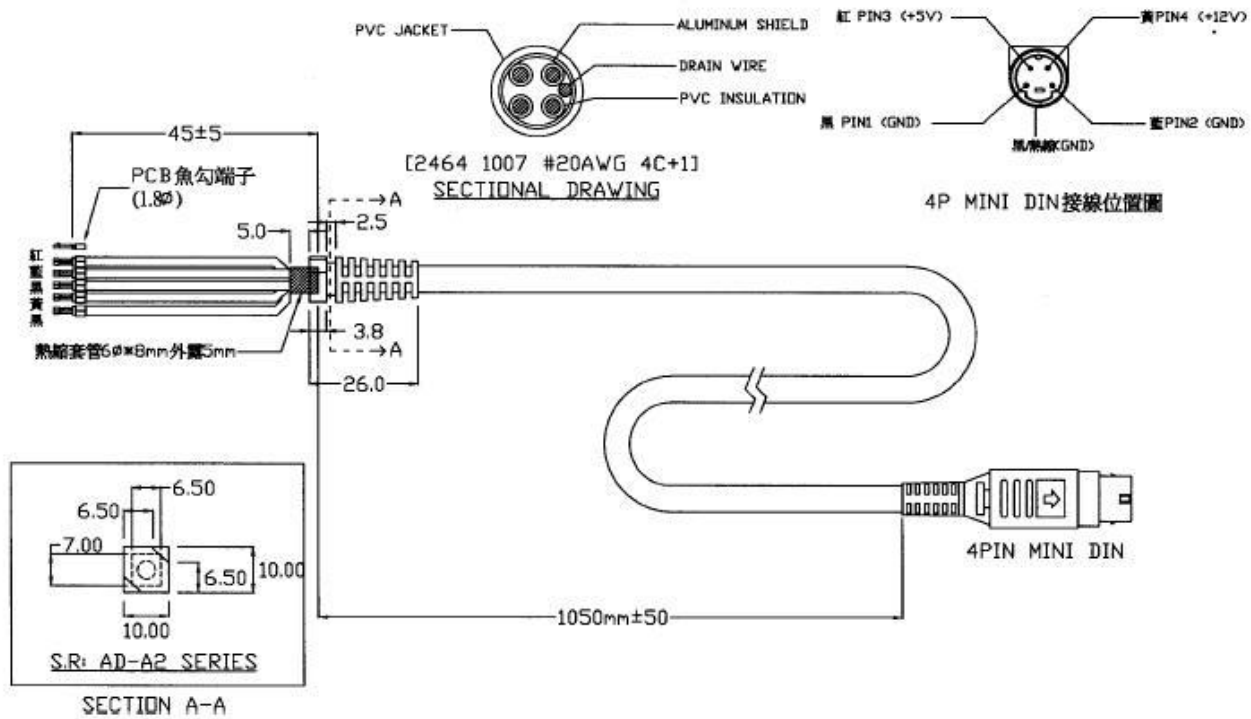
Input connector: IEC320-C7(2 PIN).

Output connector: Depends on your requirements.



AC INLET: 3PIN





| | | | | | | |
|--|-------------------------------|--|----------|--|--|--------|
| | DC CORD 1050mm(4PIN MINI-DIN) | | | | 1.CABLE:COLOR BLACK ULCSA 2464 80/90°C 300V 20AWGX4C+ ALUMINUM SHIELD | Rev. D |
| | AD-A2 LAMBDA | | | | 2.PVC WIRES : UIC COLOR:BLACK / RED / YELLOW / BLUE | Rev. E |
| | B3-MAF-02-70 | | mm | | 3.CONNECTOR : 4PIN POWER-DIN | |
| | 09-40000047 | | 1 : 1 | | | |
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