	MODEL NO.	GS2U-006-050-B1	SHEET NO.	S120221
	DESCRIPTION	Switching adapter	ISSUED DATE:	

APPROVAL SIGNATURE
DATE:

Customer:

Model No: GS2U-006-050-B1

Design No. S120221 REV : A

Type: Wall Mount Adapter



AC Input	100~240VAC	DC Output	5V DC 1.2A 6W	CV Mode
DC O/P cable	UL2468 22WAG 1.5M Plug:5.5X2.1X11mm 180 度			
AC Plug	America Plug (美式插頭)	Packaging	白盒 81(L)x51(W)x36(H)	

亞達特科技股份有限公司

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REV.	DATE	DESCRIPTION	APPROVED	CHECKED	PREPARED
A		Initial			

CONTENTS

1. PRODUCTS SPECIFICATION
2. MECHANICAL DRAWING
 - 2.1 CASE
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- 4 PACKING DESCRIPTION

1. Scope :

This document is define the general requirement and performance for this switching adapter.

· An application : GS2U-006-050-B1 Output Rating : +5.0V 1200mA

1.1. Electrical Specification

1.1.1. Input specification

ITEM	SPECIFICATION	MIN	TYP	MAX
AC INPUT VOLTAGE	SINGLE PHASE	100Vac	115Vac	240Vac
AC INPUT VOLTAGE RANGE	SINGLE PHASE	90Vac	230VAc	264Vac
AC INPUT FREQUENCY	SINGLE PHASE	47Hz	50/60Hz	63Hz
AC INPUT CURRENT	TYPICAL INPUT VOLTAGE & OUTPUT AT FULL LOAD.		100mA	300mA
AC INRUSH CURRENT	TYPICAL INPUT VOLTAGE & OUTPUT AT FULL LOAD , 25° C.			30A
INPUT POWER (GREEN MODE)	NO LOAD			0.3W
EFFICIENCY	OUTPUT AT FULL LOAD	69%		
INPUT PROTECTION	10 Ω Fuse Resistance			

1.1.2. Output specification

ITEM	SPECIFICATION	MIN	TYP	MAX
NOMINAL DC OUTPUT VOLTAGE	For 5V		5Vdc	
DC OUTPUT VOLTAGE RANGE	TYPICAL OUTPUT VOLTAGE	4.7Vdc	5Vdc	5.3Vdc
LOAD CURRENT	0~1200 mA	0		1200mA
RIPPLE	INPUT VOLTAGE at 100~240vac , TYP LOAD CURRENT , 25° C			200mV
NOISE	INPUT VOLTAGE at 100~240vac , TYP LOAD CURRENT , 25°C			200mV
HOLD-UP TIME	AT TYPICAL INPUT VOLTAGE AND FULL LOAD	8mS		
TURN-ON DELAY	TYPICAL INPUT VOLTAGE AND TYP LOAD CURRENT			3S
OVER CURRENT PROTECTION	AUTO RECOVERY	< 200% full load		
SHORT CIRCUIT PROTECTION	THE ADAPTER SHALL NOT DAMAGE BY SHORT TO THE DC OUTPUT GROUND	NO HAZARD		

1.1.3 Insulation

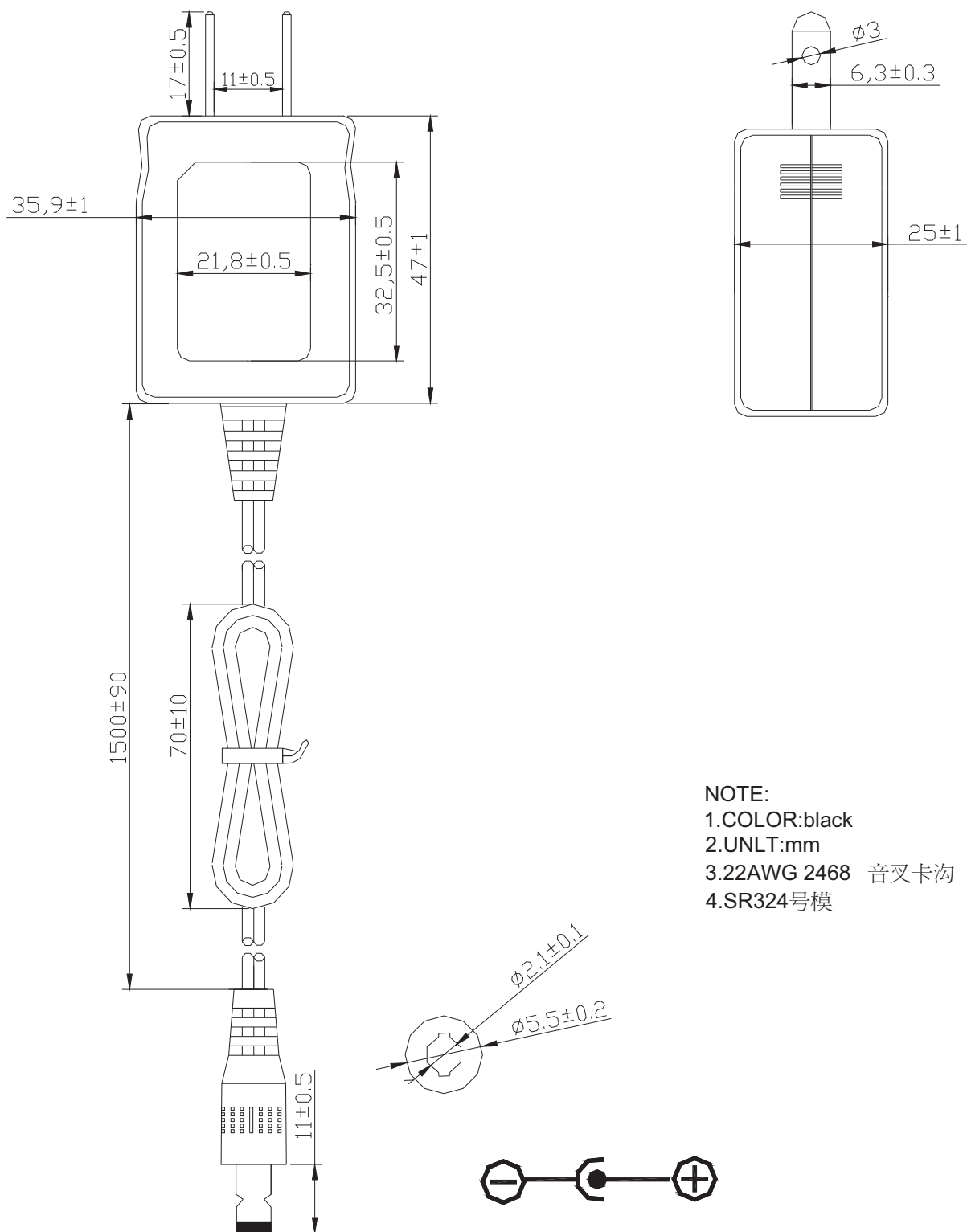
Chapter	Item	Specifications	Remark
1.1.3.1	Insulation Resistance	AC-DC terminal 500VDC , >100 MΩ 60secs	
1.1.3.2	Insulation Withstand Voltage	AC-DC terminal 4242VDC, 60secs, 10mA	
1.1.3.3	Leakage Current	<0.25 mA	

1.2. General Specification

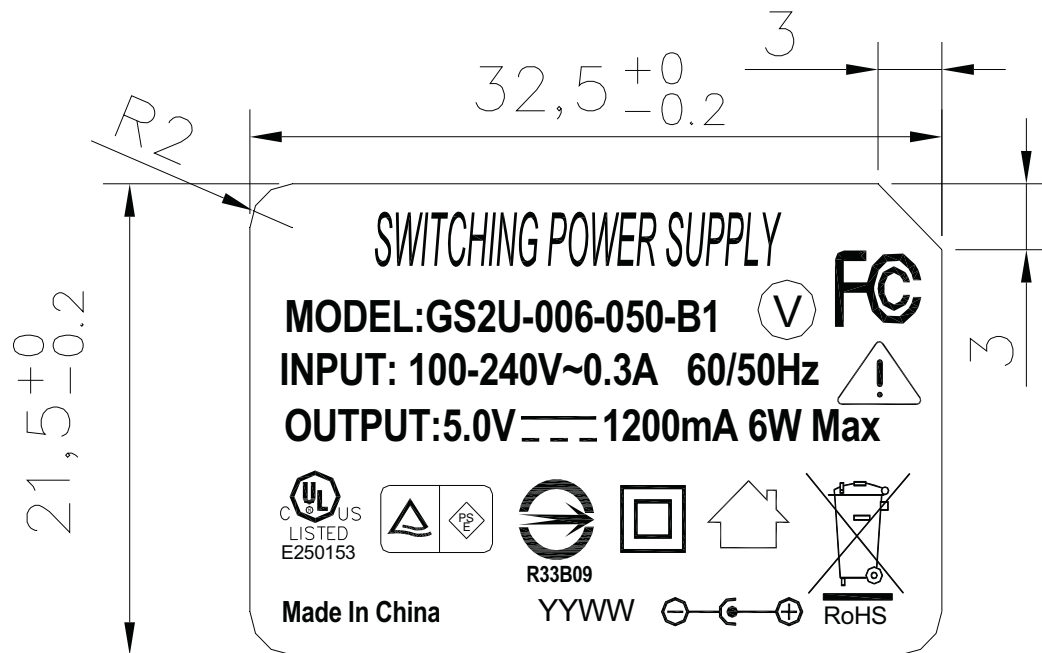
Chapter	Item	Specifications	Remark
1.2.1	Safety Request	This ADAPTER was designed to meet Class II of UL 60950-1	
1.2.2	EMI(EMC)	Satisfactory for CISPR 22:2003(For Radiated Emission) CFR PART 15(Class B).	
1.2.3	Dropping Test	Height : 100 cm The number of times : 3 times. The board : on the wood board After testing, no damaged or deformed found.	
1.2.4	Operation Temperature	Range : 0 ~ 40°C	
	Operating Humidity	20~85% RH	
1.2.5	Storage Temperature	Range : -20 ~ 85°C	
	Storage Humidity	10~95% RH	
1.2.6	Life Time	20,000 Hours Input: 100~ 240VAC Output: 5VDC 1200mA @ 25°C	
1.2.7	Durability Of Cord Bending	Bent : -60°~+60°, Hang: 200g, 500 times Breaking down wire < 30% @ 0~40°C	Main lead & Plug section
1.2.8	Weight	55.3g ± 10%	
1.2.9	RoHS	RoHS compliant	

2. MECHANICAL DRAWING

2.1 OUTLINE



3. LABEL

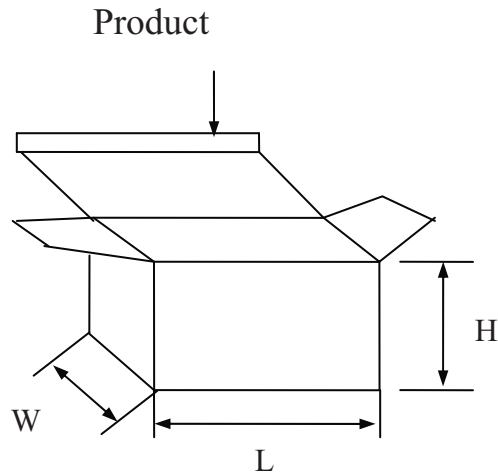


NOTE:

- 1.材質: OPP+消銀龍 黑底銀字
- 2.SIZE:32.5*21.5*0.25
- 3.YYWW:YY=年 WW=周

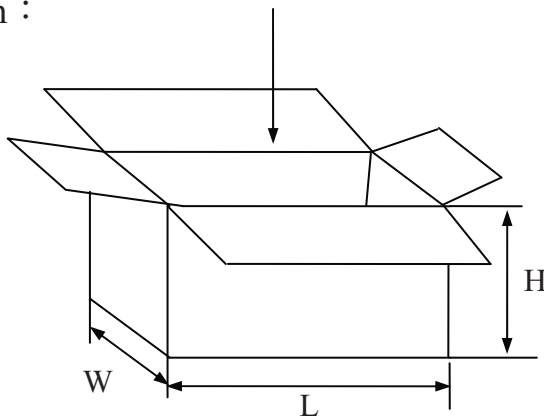
4. PACKING DESCRIPTION :

Inner

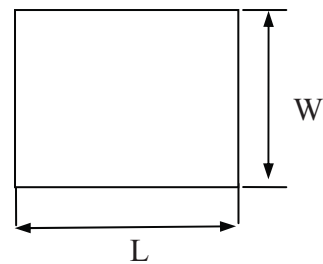


Part Name	Material	Dimension (mm)	Q'TY
白盒	350 磅	81(L)x51(W)x36(H)	1

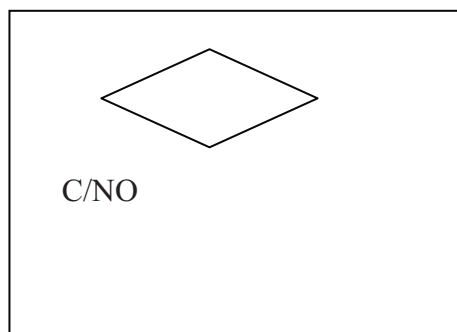
Outer Carton :



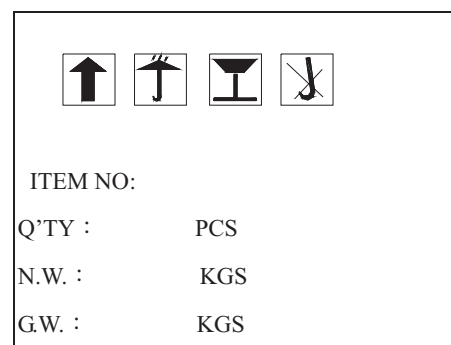
Flat Board :



Shipp Mark:



Side Mark:



Part Name	Material	Dimension (mm)	Q'TY
Outer Carton	K=K	535(L)x420(W)x190(H)	1/200PCS
Flat Board	B3C	510(L)x405(W)	4/200PCS