

DATE: 2013-8-21 (YY/MM/DD)

Customer :

APPROVAL SHEET

PRODUCT: AC ADAPTOR(RoHS Compliant)

MODEL: APW312-0520

PART NO.ST-0269

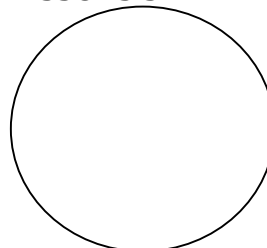
V : A1

Receiver's stamp or signature

PLEASE APPROVE & RETURN BEFORE 2013-9-4
OR WE WOULD REGARD IT BEEN CONFIRMED.

RESPONSIBLE	APPROVED	ISSUED
		nishuang

ISSUES STAMP



Revised History

NO.	Revised Date	Description	Approved	Issued



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Anthin	DESCRIPTION	SWITCHING POWER	SHEET NO.	1 OF 4
		AC ADAPTER	VER:	A1
	MODEL NO.	APW312-0520	PART NO.	ST-0269

1.INPUT REQUIREMENT

2.OUTPUT SPECIFICATION

3.MECHANICAL

4.RELIABILITY

5.ENVIRONMENT

6.OUTLOOKING

7.SAFETY

8.QC CHECK

9.DIMENSION

10.LABEL

11.PACKING

Anthin	DESCRIPTION	SWITCHING POWER AC ADAPTER	SHEET NO.	2 OF 4
			VER:	A1
	MODEL NO.	APW312-0520	PART NO.	ST-0269

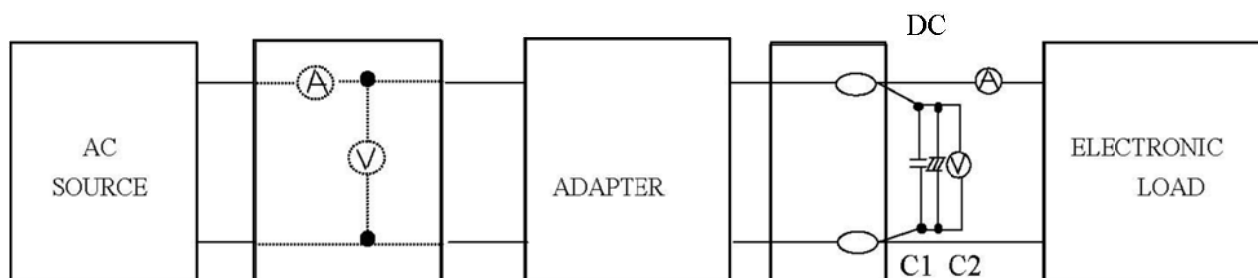
1.INPUT REQUIREMENT

ITEM	SPECIFICATION	MIN	TYP.	MAX
NORMAL AC INPUT VOLTAGE	SINGLE PHASE	100Vac	110Vac/220Vac	240Vac
AC INPUT VOLTAGE RANGE	SINGLE PHASE	90Vac	110Vac/220Vac	264Vac
AC INPUT FREQUENCY	SINGLE PHASE	47Hz	50/60Hz	63Hz
AC INPUT CURRENT	TYPICAL INPUT VOLTAGE& OUTPUT AT FULL LOAD.			300mA
AC INRUSH CURRENT	TYPICAL INPUT VOLTAGE& OUTPUT AT FULL LOAD , 25℃.			30A
EFFICIENCY	TYPICAL INPUT VOLTAGE& OUTPUT AT FULL LOAD	65%		

2.OUTPUT SPECIFICATION

ITEM	SPECIFICATION	MIN	TYP.	MAX
NORMAL DC OUTPUT VOLTAGE			5Vdc	
DC OUTPUT VOLTAGE RANGE	TYPICAL OUTPUT VOLTAGE ±5%	4.75V		5.25V
LOAD CURRENT RANGE		0A		2.0A
PEAK LOAD CURRENT	TIME<60S			2.3A
RIPPLE	TYPICAL INPUT VOLTAGE , TYPICAL LOAD CURRENT , 25℃			100mV
HOLD-UP TIME	AT TYPICAL INPUT VOLTAGE AND FULL LOAD	10mS		
TURN-ON DELAY	TYPICAL INPUT VOLTAGE AND TUP LOAD CURRENT			1S
OVER CURRENT PROTECTION	AUTO RECOVERY			
SHORT CIRCUIT PROTECTRON	THE ADAPTER SHALL NOT DAMAGE BY SHORT THE DC OUTPUT TO GROUND			
OVER VOLTAGE PROTECTION			6V	7.5V

*TEST MEASURES



C1: 0.1uF CERAMICS CAPACITOR
C2: 10uF 50V ALUMINUM CAPACITOR

Anthin	DESCRIPTION	SWITCHING POWER AC ADAPTER	SHEET NO.	3 OF 4
			VER:	A1
	MODEL NO.	APW312-0520	PART NO.	ST-0269

3.MECHANICAL

ITEM	ST-APW312-0520	ACCEPTANCE CRITERIA
BENDING TEST	NORMAL TEMPERATURE THE CORD SHALL WITHSTAND WEIGHT OF 200g, SWINGING FROM LEFT TO RIGHT AT AN ANGLE OF 60 DEG. 1000CYCLE TIMES MIN. S/R SHALL WITHSTAND WEIGHT OF 1N. SWINGING FROM LEFT TO RIGHT AT AN ANGLE OF 60DEG. 1000CYCLE TIMES MIN. BENDING SPEED 40CYCLE/MINUTE	NO SHORT CIRCUIT NO BREAKAGE OF THE CORD
VIBRATION	FREQUENCY RANGE:10~55Hz AMPLITUDE:1.5mm ACCELERATION: 1G SWEEP 1 MINUTE FOR X,Y,Z,AXIS EACH	THERE SHALL BENO ABNORMALITY ON THE APPEARANCE STRUCTURE AND OPERATING

4.RELIABILITY

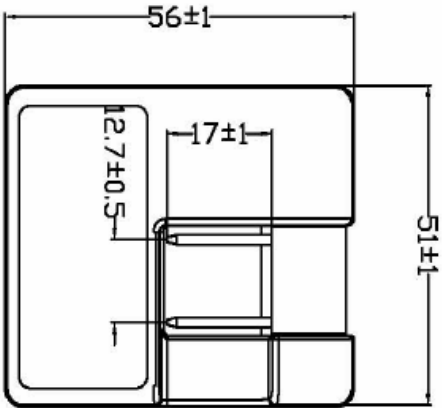
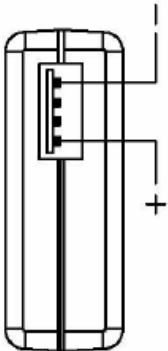
ITEM	TEST CONDITION	ACCEPTANCE CRITERIA
TEMPERATURE UP WITH TYPICAL LOAD	TEST THE SURFACE OF THE CASE WITH TYPICAL LOAD OUTPUT AND TYPICAL AC INPUT 50/60Hz	TEMPERATURE UP UNDER 35 DEGREES
HI-POT TEST	INPUT TO OUTPUT 3000Vac 3 SECONDS 5mA	NO DAMAGE
INSULATION RESISTANCE	INPUT TO OUTPUT,DC 500V	>100MΩ
MTBF	TYPICAL INPUT&FULL LOAD , 25℃	50000 HOURS
LIFE	TYPICAL INPUT&FULL LOAD, 40℃ TYPICAL INPUT&FULL LOAD, 25℃	1YEARS ABOVE 2YEARS ABOVE
BURN-IN	AT 30℃(±10℃),NORMAL INPUT VOLTAGE	2~4 HOURS

5.ENVIRONMENT

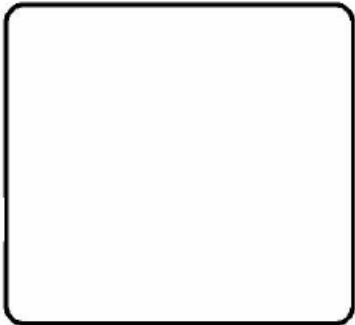
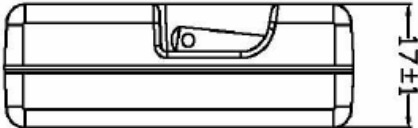
ITEM	SPECIFICATION OR TEST CONDITION	min.	typ.	max.
OPERATING TEMPERATURE		0℃		40℃
STORAGE TEMPERATURE		-20℃		85℃
OPERATING HUMIDITY	NON-CONDENSING	5%RH		90%RH
STORAGE HUMIDITY	NON-CONDENSING	5%RH		90%RH

Anthin	DESCRIPTION	SWITCHING POWER	SHEET NO.	4 OF 4
		AC ADAPTER	VER:	A1
	MODEL NO.	APW312-0520	PART NO.	ST-0269
6.OUTLOOKING DIMENSION:56(L)X51(W)X17(H)mm WEIGHT:ABOUT 50g AC INPUT TYPE:WALL MOUNT DC OUTPUT TYPE: USB 4PIN 母座 DC OUTPUT CABLE INDICATION:LABEL CASE MATERIAL:94V-0 雾面 BLACK PCB MATERIAL:94V-0 ROHS COMPLIANT ROHS COMPLIANT ROHS COMPLIANT ROHS COMPLIANT 7.SAFETY				
COMPLY SAFETY STANDARDS		STANDARD	FILE NO.	
PSE				
EMI				
8.QC CHECK ALL OF THE QUANTITY SHALL BE CHECKED BEFORE SHIPMENT,CHECK ITEM AS BELOW: (1)DC PLUG POLE CHECK (2)OCP FUNCTION CHECK (3)DC OUTPUT VOLTAGE CHECK (4)HIPOT&INSULATION CHECK (5)OUTLOOKING CHECK				

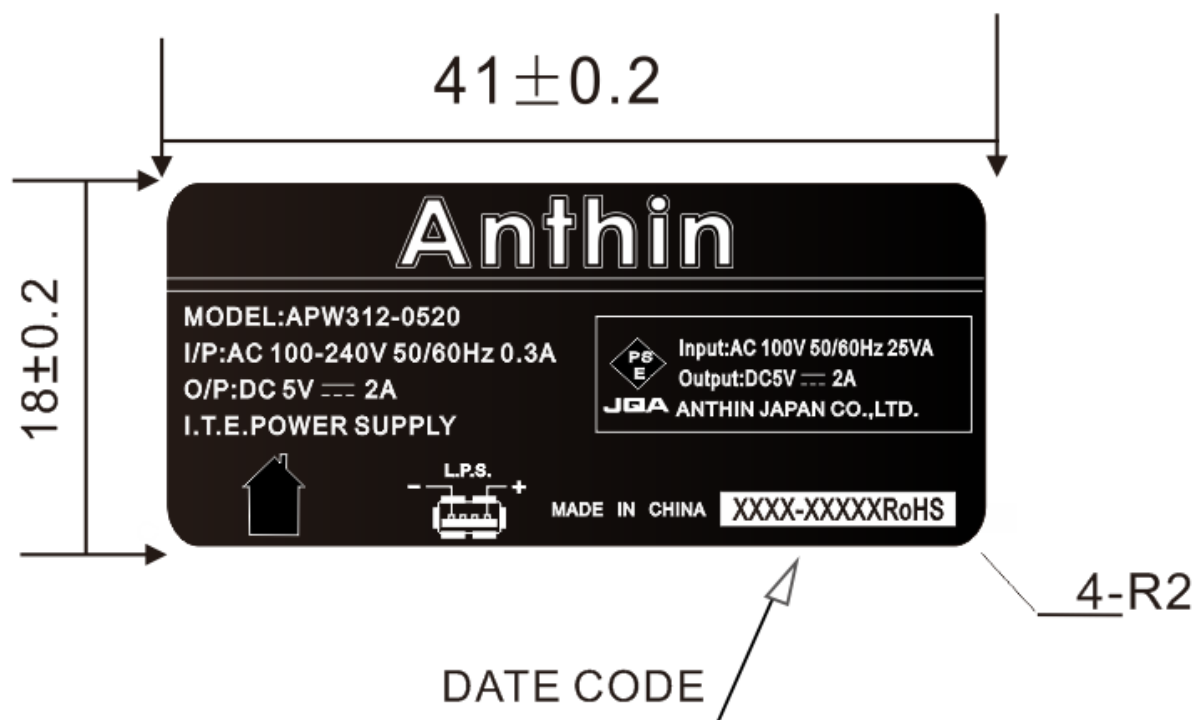
ROHS COMPLIANT



AC PIN 折叠180°



TOLERANCE					NAME:			DIMENSION				
L<4	±0.05	±0.08	±0.1	±0.2	XXXXXX	FINISH	XXX	QTY.	XXX	REV.	A1	
4<L<20	±0.05	±0.1	±0.2	±0.3								
20<L<50	±0.1	±0.15	±0.3	±0.4								
50<L<200	±0.15	±0.25	±0.4	±0.6								
200<L	±0.2	±0.4	±0.5	±0.8								
DEC.	CHKD.	APPD.										
Anni					SCALE	UNIT	REF.	XXXX	PART NO.	ST-0269		
											XXX	XXX
											XXX	XXX



XXXX-XXXXXRoHS

RoHS COMPLIANT

流水号(Number)

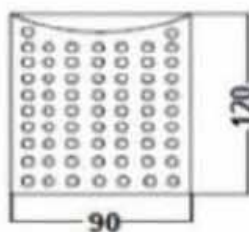
月(Month)

年(Year)

NOTE:

- 1.SILVER WORD(银字) ON BLACK BASE(黑底).
- 2.MATERIAL:PVC + MYLAR FILM+雾面.
- 3.ROHS COMPLIANT.

TOLERANCE					FINISH	NAME: LABEL		
L ≤ 4	0.05	0.08	0.1	0.2				
4 < L ≤ 20	0.08	0.1	0.2	0.3	MATERIAL			
20 < L ≤ 50	0.1	0.15	0.3	0.4				
50 < L ≤ 200	0.15	0.25	0.4	0.6				
200 < L	0.2	0.4	0.6	0.8				
DEG.	CHKD.	APPD.	SCALE	UNIT	mm	REV	A1	
Anni				REF.		PART NO.	ST-0269	
				REM.				

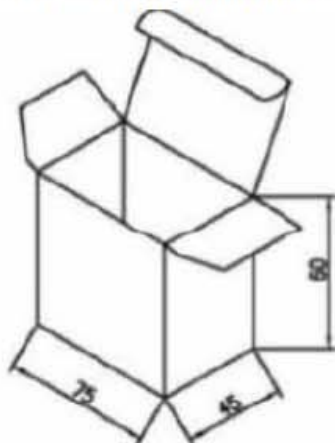


气泡袋

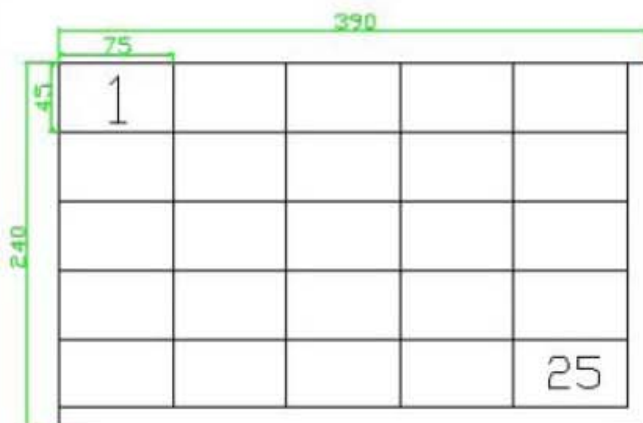
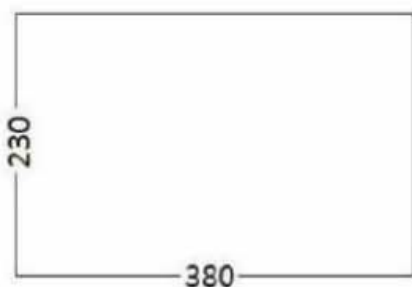
注：气泡袋不要用胶纸固定

气泡袋: 120x90

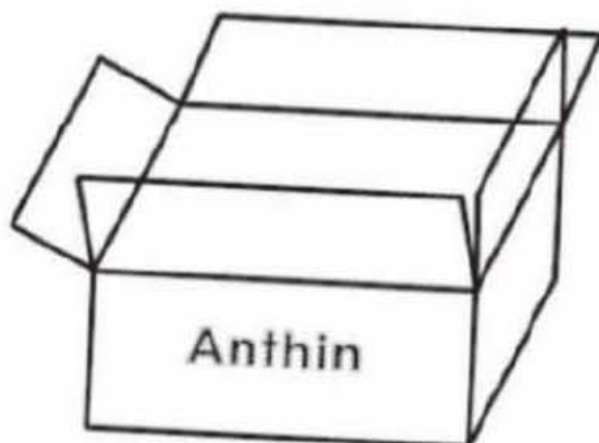
成品1PCS装入气泡袋
装入气泡袋成品2PCS放入小白盒
小白盒材质 (450G)
外径尺寸: 长*宽*高
L*W*H (75*45*60mm)
TOLERANCE: ± 1



WHITE INNER BOX+OUT CARTON
WHITE INNER BOX OUT SIDE DIMENSION :
L*W*H (75*45*60mm)
TOLERANCE: ± 1



每层装25个小白盒，共可装4层。



成品200PCS装入外箱
外箱3段: K=A
外径尺寸: 长*宽*高
L390*W240*H282mm
平卡尺寸: 长*宽
L380*W230mm

TOLERANCE					FINISH								
L<4	± 0.05	± 0.08	± 0.1	± 0.2									
4<L<20	± 0.08	± 0.1	± 0.2	± 0.3									
20<L<50	± 0.1	± 0.15	± 0.3	± 0.4									
50<L<200	± 0.15	± 0.25	± 0.5	± 0.6	MATERIAL		REV.	A1	NAME	PACKING			
200<L	± 0.2	± 0.4	± 0.5	± 0.6									
DEG.	CHKD.	APPD.		UNIT							mm		
			SCALE	REF.									
				DWG NO.				PART NO.	ST-0269				