

DATE: 2013-8-20 (YY/MM/DD)

Customer :

APPROVAL SHEET

PRODUCT: AC ADAPTOR(RoHS Compliant)

MODEL: API365-1934

PART NO. ST-0252

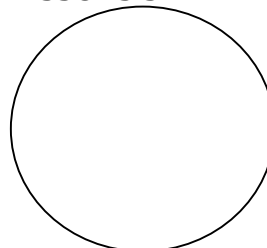
V : A1

Receiver's stamp or signature

PLEASE APPROVE & RETURN BEFORE 2013-9-3
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.	API365-1934	PART NO.	ST-0252

- 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.	API365-1934	PART NO.	ST-0252

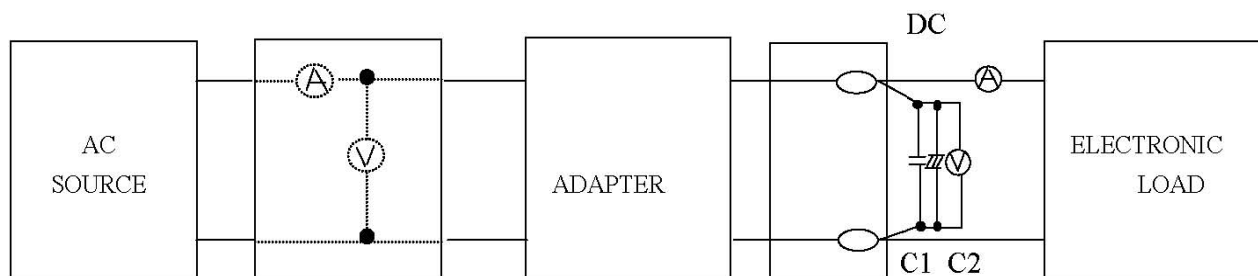
1.INPUT REQUIREMENT

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.			1500mA
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			19Vdc	
DC OUTPUT VOLTAGE RANGE	TYPICAL OUTPUT VOLTAGE ±5%	18V		20V
LOAD CURRENT RANGE		0A		3.42A
PEAK LOAD CURRENT	TIME<60S			4.1A
RIPPLE	TYPICAL INPUT VOLTAGE , TYPICAL LOAD CURRENT , 25℃			190mV
HOLD-UP TIME	AT TYPICAL INPUT VOLTAGE AND FULL LOAD	10mS		
TURN-ON DELAY	TYPICAL INPUT VOLTAGE AND TYPICAL LOAD			2S
OVER CURRENT PROTECTION	AUTO RECOVERY			
SHORT CIRCUIT PROTECTRON	THE ADAPTER SHALL NOT DAMAGE BY SHORT THE DC OUTPUT TO GROUND			
OVER VOLTAGE PROTECTION			21.9V	28.5V

*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.	API365-1934	PART NO.	ST-0252

3.MECHANICAL

ITEM	SPECIFICATION OR TEST CONDITION	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

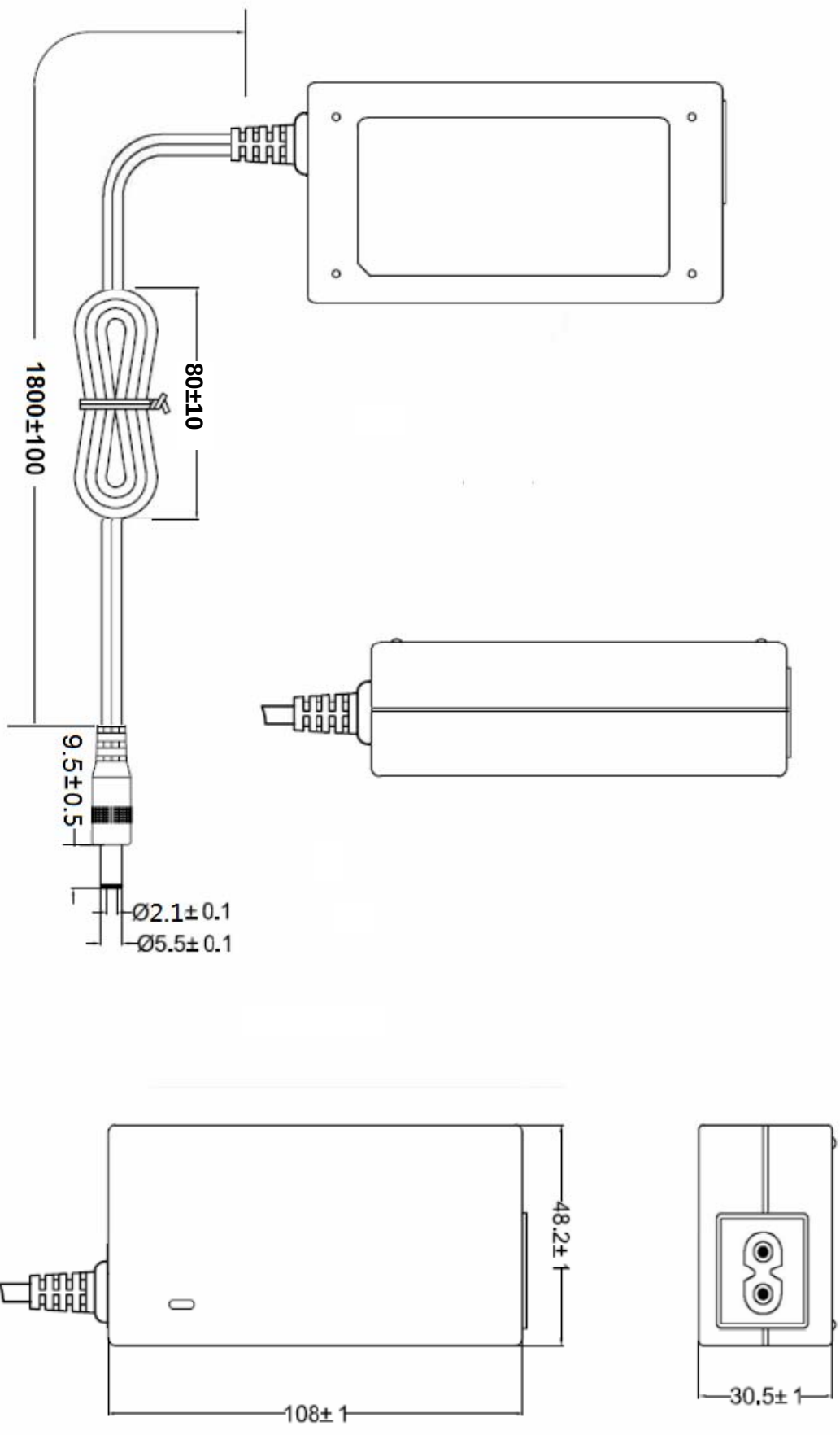
4.RELIABILITY

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

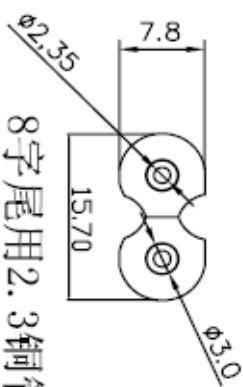
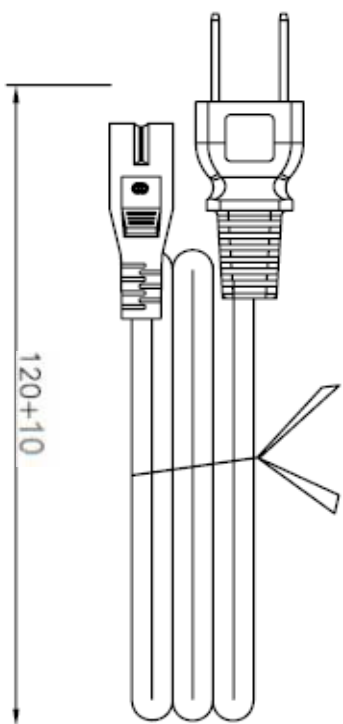
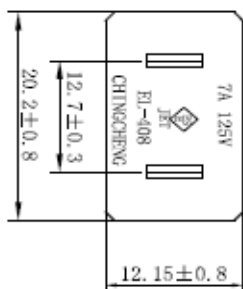
5.ENVIRONMENT

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

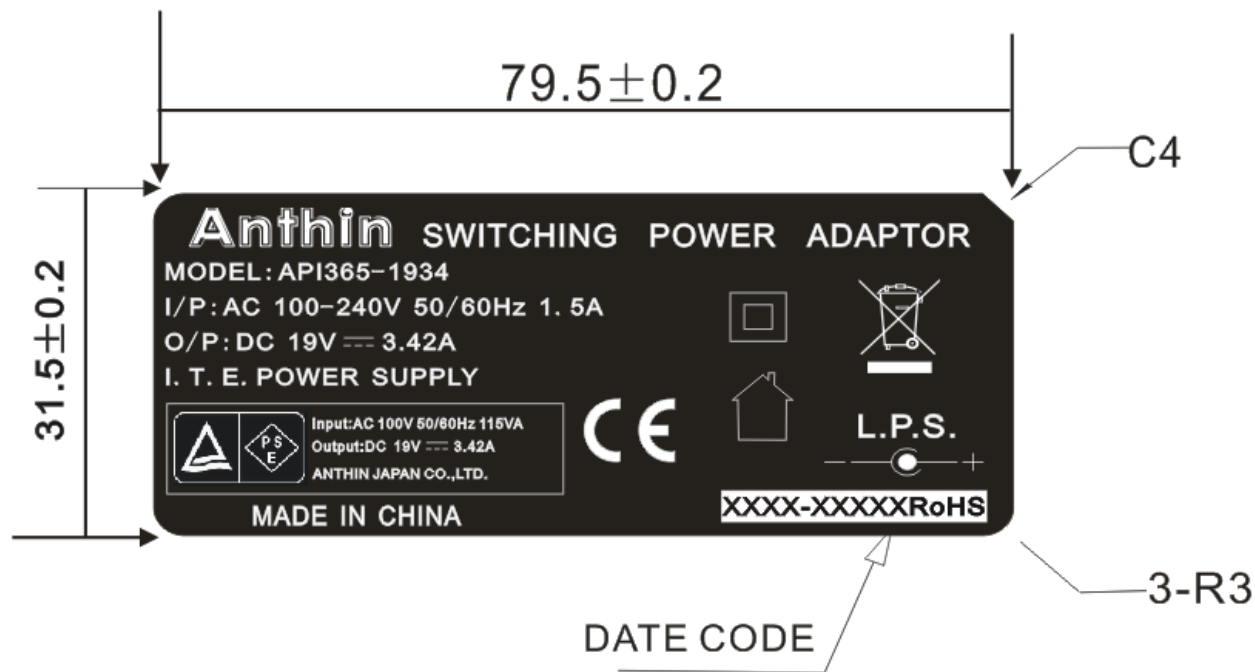
Anthin	DESCRIPTION	SWITCHING POWER	SHEET NO.	4 OF 4									
		AC ADAPTER	VER:	A1									
	MODEL NO.	API365-1934	PART NO.	ST-0252									
6.OUTLOOKING DIMENSION WEIGHT AC INPUT TYPE DC OUTPUT TYPE :108(L)X48.2(W)X30.5(H)mm :ABOUT 240g :2PIN 日规八字尾 1.2米AC线 : 5.5×2.1×9.5mm S TYPE DC OUTPUT CABLE INDICATION CASE MATERIAL PCB MATERIAL :USE UL SPT-1 18AWG WIRE :LABEL :94V-0 ABS+PC BLACK :94V-0 ROHS COMPLIANT ROHS COMPLIANT ROHS COMPLIANT ROHS COMPLIANT 7.SAFETY <table><tr><td>COMPLY SAFETY STANDARDS</td><td>STANDARD</td><td>FILE NO.</td></tr><tr><td>PSE</td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table> EMI CE 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					COMPLY SAFETY STANDARDS	STANDARD	FILE NO.	PSE					
COMPLY SAFETY STANDARDS	STANDARD	FILE NO.											
PSE													



TOLERANCE				FINISH	
L44	-0.08	-0.08	-0.1	-0.3	XXXXXX
44-490	+0.08	-0.1	-0.3	-0.3	
20-440	+0.1	-0.15	-0.4	-0.4	
20-420	+0.15	-0.25	-0.5	-0.5	
20-420	+0.2	-0.4	-0.6	-0.6	
DRG.	CMD.	APPL.			
SCALE				UNIT	REV.
/				mm	A1
Jmh				DRG. NO.	PART NO.
				XXXX	ST-0252



TOLERANCE									
L ≤ 4	+0.03	+0.00	+0.1	+0.2	FINISH	XXXXXX			
4 < L ≤ 20	+0.05	+0.1	+0.2	+0.3					
20 < L ≤ 80	+0.1	+0.15	+0.3	+0.4					
80 < L ≤ 200	+0.15	+0.25	+0.4	+0.6					
200 < L	+0.2	+0.4	+0.5	+0.8					
DEC.	CHKD.	APPD.			UNIT	mm		REV	A1
					SCALE	REF.	XXXX	PART	
					REM.		XXXX	NO.	
									ST-0252



XXXX-XXXXXRoHS

RoHS COMPLIANT

流水号 (Number)

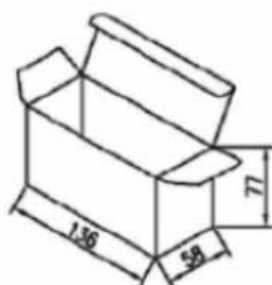
月 (Month)

年 (Year)

NOTE:

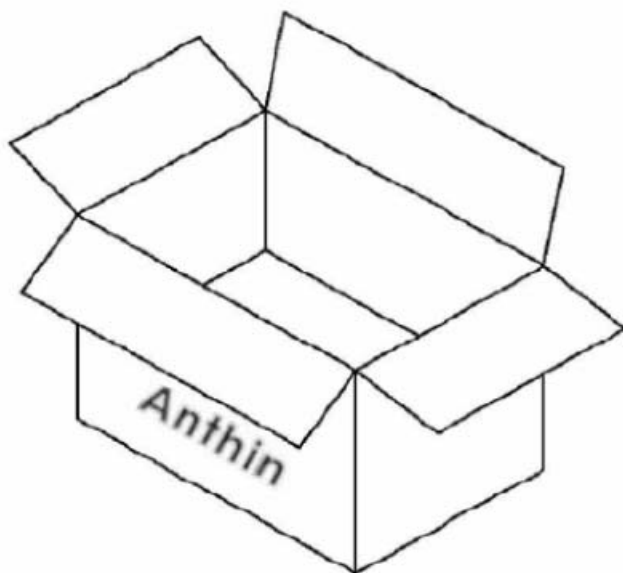
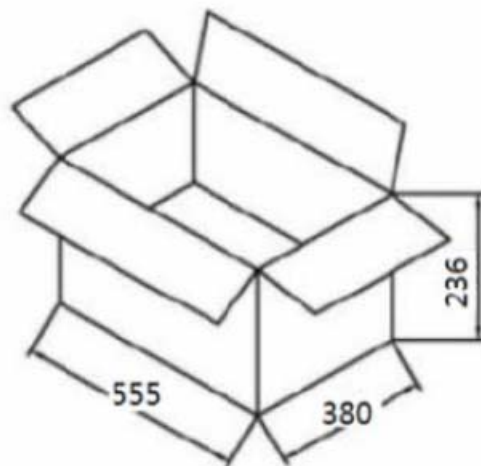
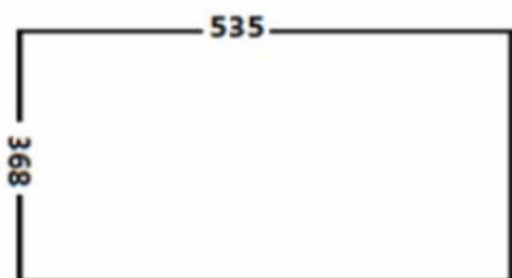
- 1.SILVER WORD(银字) ON BLACK BASE(黑底).
- 2.MATERIAL:PVC + MYLAR FILM
- 3.ROHS COMPLIANT.

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	REV. A1		
20 < L ≤ 50	0.1	0.15	0.3	0.4				
50 < L ≤ 200	0.15	0.25	0.4	0.5				
200 < L	0.2	0.4	0.5	0.8				
DEG.	CHKD.	APPD.	UNIT		mm	PART NO.	ST-0252	
Anni			SCALE		REF.			
			REM.					



成品1PCS+1条AC线装入小白盒
小白盒材质 (450G)
外径尺寸 : 长*宽*高
L*W*H (136*58*77mm)
TOLERANCE : ± 1

WHITE INNER BOX+OUT CARTON
WHITE INNER BOX OUT SIDE DIMENSION :
L*W*H (136*58*77mm)
TOLERANCE : ± 1



成品67PCS装入外箱
外箱3段 : K=A
外径尺寸 : 长*宽*高
L555*W380*H236mm
平卡尺寸 : 长*宽
L535*W368mm

TOLERANCE					FINISH					
L ≤ 4	4 < L ≤ 20	20 < L ≤ 50	50 < L ≤ 200	200 < L						
±0.05	±0.08	±0.1	±0.15	±0.2						
±0.08	±0.1	±0.15	±0.2	±0.3						
±0.1	±0.15	±0.2	±0.3	±0.4						
±0.15	±0.25	±0.5	±0.6		MATERIAL				REV.	A1
±0.2	±0.4	±0.5	±0.8						NAME	12.PACKING
DEG.	CHKD.	APPD.		UNIT	mm					
Anni			SCALE	REF.				PART NO.	ST-0252	
				DWG NO.						