

	DESCRIPTION	SWITCHING POWER AC ADAPTER		1 OF 4
	MODEL NO.			<b>A1</b>
				<b>C050-1025</b>

**GFP241DA-1220**

SHEET NO.  
VER:  
PART NO.

- 1.INPUT REQUIREMENT
- 2.OUTPUT SPECIFICATION
- 3.MECHANICAL
- 4.RELIABILITY
- 5.ENVIRONMENT
- 6.OUTLOOKING
- 7.SAFETY
- 8.QC CHECK
- 9.DIMENSION

*Electrónica S.A. de C.V.*

	DESCRIPTION	SWITCHING POWER AC ADAPTER	SHEET NO.	2 OF 4
	MODEL NO.	GFP241DA-1220	VER:	A1
			PART NO.	C050-1025

**1.INPUT REQUIREMENT**

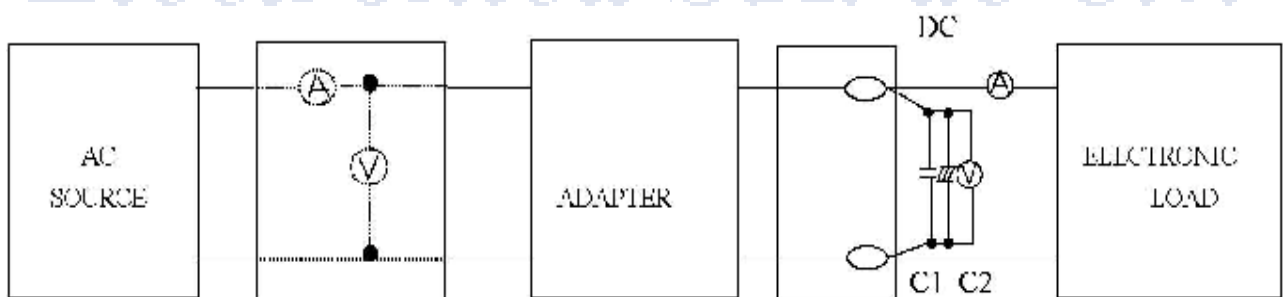
ITEM	SPECIFICATION	MIN	TYP.	MAX
NORMAL AC INPUT VOLTAGE	SINGLE PHASE	100Vac	110Vac/220Vac	240Vac
AC INPUT VOLTAGE RANGE	SINGLE PHASE	90Vac	110Vac/220Vac	264Vac
AC INPUT FREQUENCY	SINGLE PHASE	47Hz	50/60Hz	63Hz
AC INPUT CURRENT	TYPICAL INPUT VOLTAGE& OUTPUT AT FULL LOAD.			550mA
AC INRUSH CURRENT	TYPICAL INPUT VOLTAGE& OUTPUT AT FULL LOAD , 25°C.			30A
EFFICIENCY	TYPICAL INPUT VOLTAGE& OUTPUT AT FULL LOAD	70%		

**2.OUTPUT SPECIFICATION**

ITEM	SPECIFICATION	MIN	TYP.	MAX
NORMAL DC OUTPUT VOLTAGE			12Vdc	
DC OUTPUT VOLTAGE RANGE	TYPICAL OUTPUT VOLTAGE ±5%	11.4V		12.6V
LOAD CURRENT RANGE		0.1A		2.0A
PEAK LOAD CURRENT	TIME<60S			2.3A
RIPPLE	TYPICAL INPUT VOLTAGE , TYPICAL LOAD CURRENT , 25°C			120mV
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			13.8V	16V

*Electrónica S.A. de C.V.*

**\*TEST MEASURES**



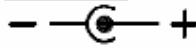
C1: 0.1uF CERAMICS CAPACITOR  
C2: 10uF 50V ALUMINUM CAPACITOR

	DESCRIPTION	SWITCHING POWER AC ADAPTER	SHEET NO.	3 OF 4	
	MODEL NO.	GFP241DA- 1220	VER:	A1	
			PART NO.	C050-1025	
<b>3.MECHANICAL</b>					
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		
<b>4.RELIABILITY</b>					
ITEM	TEST CONDITION		ACCEPTANCE CRITERIA		
TEMPERATURE UP WITH	TEST AT SURFACE OF THE CASE WITH TYPICAL		TEMPERATURE UP UNDER		
TYPICAL LOAD	AC INPUT AND TYPICAL LOAD IN OUTPUT		35 DEGREES		
	50/60Hz				
HI-POT TEST	INPUT TO OUTPUT 3000Vac 3 SECONDS 5mA		NO DAMAGE		
MTBF	TYPICAL INPUT&FULL LOAD , 25°C		50000 HOURS		
LIFE	TYPICAL INPUT&FULL LOAD, 40°C		1YEARS ABOVE		
	TYPICAL INPUT&FULL LOAD, 25°C		2YEARS ABOVE		
BURN-IN	AT 30°C(±10°C),NORMAL INPUT VOLTAGE		2~4 HOURS		
<b>5.ENVIRONMENT</b>					
ITEM	SPECIFICATION OR TEST CONDITION	min.	typ.	max.	
OPERATING TEMPERATURE		0°C		40°C	
STORAGE TEMPERATURE		-20°C		85°C	
OPERATING HUMIDITY	NON-CONDENSING	5%RH		90%RH	
STORAGE HUMIDITY	NON-CONDENSING	5%RH		90%RH	

	DESCRIPTION	SWITCHING POWER AC ADAPTER	SHEET NO.	4 OF 4
			VER:	A1
	MODEL NO.	GFP241DA-1220	PART NO.	C050-1025

6.OUTLOOKING

DIMENSION :96(L)X43.7(W)X27.8(H)mm  
 WEIGHT :ABOUT 175g  
 AC INPUT TYPE 美式插头,8字尾, 1.2M  
 DC OUTPUT TYPE :5.5X2.1X10 S TYPE



DC OUTPUT CABLE :USE 1185 18AWG WIRE  
 INDICATION :LABEL  
 CASE MATERIAL :94V-0 ABS+PC  
 PCB MATERIAL :94V-0

7.SAFETY

COMPLY SAFETY STANDARDS	STANDARD	FILE NO.
GS	EN60950	
UL CUL		E241618
PSE		JQE10934

EMI
FCC 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

