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SPECIFICATION FOR APPROVAL

Customer: Ivent Solutions	Limited			
Customer P/N:		Customer H	Rev.: C	
Customer Model No.:		Customer I	D: I051	
Wah Hing Model No.: S017	22B	Wah Hing	Rev.: 02	
Article: SWITCHING POW	ER SUPPLY(AC-DC)			
Standard: AS/NZS60950-1		Safety No.:		
Catalog No.: EFS00600500100AU		Date:	22-Aug-19	
<i>Remarks:</i> <i>Please note items listed in page.2 that requires your consent for deviation.</i>				
Eng. Dept. 刘忠洁	Eng. Dept. 易文彬		Eng. Dept. 钟桂平	

Please evaluate the samples, sign this approval sheet and return to WAH HING

☐ Approved

☐ Rejected

☐ Conditional Approved

Comments:

Customer Approved by :

Signature & Date

Deviation and History

Please note items listed below does not meet your specifications and requires your consent for deviation:

	Item	Customer specifica	tion	Sug	gestion specifica	tion
L						
Remarks:						
-						
-						
-						
	02	Page10 Rating plate: Amendment of namepla	te Size		Z.J.LIU	22-Aug-19
	01	Page10 Rating plate: C-Tick change to RCM	logo.		Z.J.LIU	14-May-19
	00	First issue.			J.G.Ma	10-Jun-14
Item	Rev	Descriptio			Sign	Date
Customer	P/N:		History Wah Hing N	Iodel No.:	S01722B	

INDEX

1.0 INTRODUCTION

2.0 INPUT CHARACTERISTICS

3.0 OUTPUT CHARACTERISTICS

4.0 PROTECTION FUNCTION

5.0 ENVIRONMENTAL CONDITIONS

6.0 SAFETY AND EMC STANDARD

7.0 RELIABILITY AND QUALITY CONTROL

8.0 MECHANICAL

9.0 PROPOSED ARTWORK MARKING

10.0 APPENDIX

Customer P/N:	Wah Hing Model No.:	S01722B

1.0 INTRODUCTION

The document specifies the AC/DC switching power supply with one output, the total output power is 5 W Max. The unit meet ROHS directive of the European Union. The unit meet Energy Star V.

2.0 INPUT CHARACTERISTICS

2.0 INFOT CHARACTERISTICS 2.1 Input Voltage Input Voltage Range		AC100-240 V AC90-264V	Performance guarantee
2.2 Input Current	:	0.4Arms max.	@ AC100-240 V full load
2.3 Operating Frequency Operating Frequency Range		50/60 Hz 47-63Hz	
2.4 Standby Power	:	≪0.3W	@ AC115-230 V 50/60Hz
2.5 Input Fuse	:	10Ω 1W fusib	ble resistor
2.6 Input Connector	:	SAA Plug	
3.0 OUTPUT CHARACTERISTICS 3.1 Output Voltage			@ AC100-240 V at 0A @ AC100-240 V at 1000mA
3.2 Output Current Rated loading current Minimum loading current		1000 mA 0 A	
3.3 Ripple and Noise	:		. @ AC100-240 V full load Ambient temp. 25°C
The measurement for different oscilloscope, with 20MHz baa a 0.1uF ceramic capacitor sho	ndwie	dth. A 47uF elec	trolytic capacitor and
Customer P/N:	Wah	Hing Model No.:	S01722B

3.4 Efficiency	:	68.17 % min.	@ AC115/230V	
After temperature is saturated terminals.	l, mea	asurement be ma	de at USB output	
3.5 Line Regulation	:	±1 %	@ AC100-240 V	full load
3.6 Load Regulation	:	±5%	@AC100-240V	50/60Hz
3.7 Hold-up Time	:	10mS min	@ AC100 -240V	full load
When the power supply turn up more than 10mS.	s off t	he output voltage	e shall hold	
3.8 Start up time	:	3S max	@AC100-240V	50/60Hz
During turn on output voltage more than 10% and all output 3seconds of turn on			0,000	
4.0 PROTECTION FUNCTION 4.1 Over-current Protection	:	1.4A min	@AC100-240V	50/60Hz
The power supply shall be hiccup condition (set@ MIN 1.4A) unc time the power supply shall be a	der an	y line condition	for an indefinite p	eriod of
4.2 Short circuit protection	:			
The power supply shall be hice any output operating in over ter for an indefinite period of time the fault condition is removed.	mpera	ture conditions u	under any line con	ditions
Customer P/N:	Wah	Hing Model No.:	S01722B	

4.3 Over Temperature Protection :

The power supply shall be hiccupped and no damage be occurred when any output operating in over temperature conditions under any line conditions for an indefinite period of time. The power supply shall be auto recovered when the fault condition is removed.

5.0 ENVIRONMENTAL CONDITION

5.1 Non-operation	
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5.1.1 Ambient temperature	:	-20-70 °C

5.1.2 Relative humidity : 20-80 %

The power supply shall be capable of withstanding the above environmental conditions for extended periods of time, without sustaining electrical and/or mechanical damage and subsequently operational deficiencies.

5.2 Operating

5.2.1 Ambient temperature	:	0-45 ℃
5.2.2 Relative humidity	:	20-80 %

The power supply shall be capable of operating continuously in any mode without performance deterioration in the above environmental condition.

6.0 SAFETY AND EMC STANDARD 6.1 Safety standard	: AS/NZS60950-1
6.2 EMC Standard	: CISPR22 Class B
6.3 Immunity to electrostatic disch	harge(ESD) according : EN61000-4-2
Customer P/N:	Wah Hing Model No.: S01722B

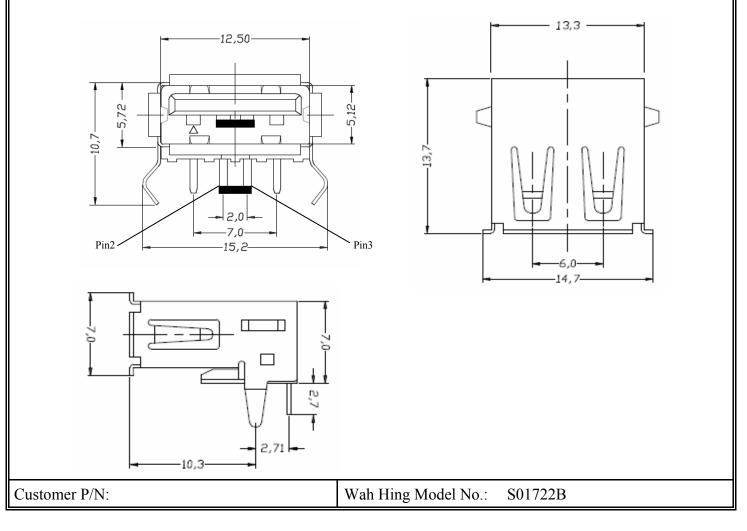
6.4 Immunity to radiated electromagnetic field according : EN61000-4-3		
6.5 Immunity to electrical fast transients(burst) according : EN61000-4-4		
0.5 minumery to electrical last transferits(burst) according . Enorobo-4-4		
6.6 Surge capability according : EN61000-4-5		
6.7 Immunity to conducted disturbances, induced by radio frequent fields according : EN61000-4-6		
6.8 Immunity to voltage dips short interruptions and voltage variations, test according : EN61000-4-11		
6.9 Dielectric strength		
Primary to secondary : AC3000V 60S Cut off current 5mA		
6.10 Insulation Resistance Primary to secondary: DC500V 60S 10MΩ Min		
 7.0 RELIABILITY AND QUALITY CONTROL 7.1 Burn-in 7.1.1Burn-in Ambient temperature : 40 °C 		
7.1.2 Burn-in Time : $2-4$ hr.		
AC source 230Vac/50Hz, 80-100% loading.		
7.2 Drop Test		
Dropped the specimen from 1M height, 1 times each for a different sides onto a concrete floor at least 64 mm thick and covered with a 3.2 mm thick vinyl tile. There shall be no problem on appearance, structure, perfor- mance and safety.		
7.3 MTBF		
Adapter's MTBF is 50000Hr,at condition of input AC230V 50Hz / output DC 1.0A load / environmental temperature 25 $^{\circ}$ C.		
Customer P/N: Wah Hing Model No.: S01722B		

8.0 MECHANICAL

- 8.1 Case Material
 8.2 Case Dimension
 8.3 Case Colour
 Black
- 8.4 Weight(Adaptor unit)
- 8.5 Input AC Cable 8.5.1 Input plug type
- 8.6 Output terminal8.6.1 Output terminal

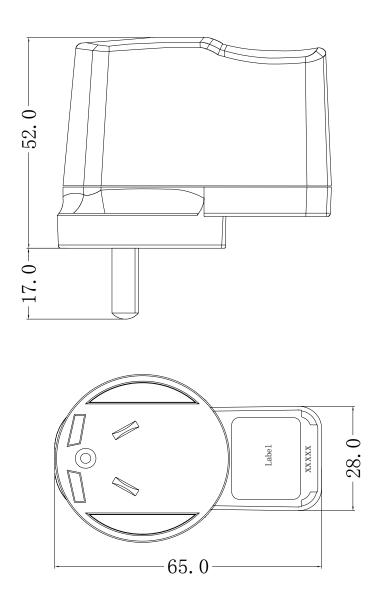
- : 75g (about)
 - : SAA Plug

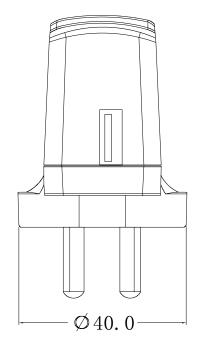
USB type A (Short circuit Pin2,Pin3)



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8.7 Dimensions And Diagram





Notice:

- 1. Unit: mm
- 2. Tolerance: X:+/-1.0; X.X:+/-0.3; X.XX:+/-0.10
- 3. 09605(XXXXX) is date code Oct is A Nov is B Dec is C

09 6 05

Year: 2009

– Date; 05 – Month:June, 1-9:Jan-Sep, A-C: Oct-Dec

Customer P/N:

Wah Hing Model No.: S01722B

