

CUSTOMER: H280

PART NUMBER: 101700272



**APPROVAL
SHEET**

FOR

SWITCHING ADAPTER

MODEL NO.

DSA-12PFG-12 FEU 120100

ORDER NO: SPSH-036279-2

承認書確認后請簽回一份

CUSTOMER APPROVED SIGNATURE

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DEE VAN ENTERPRISE CO., LTD (Head-Quarter)

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DEE VAN ELECTRONICS (JIA SHAN) CO., LTD

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75395855-5

【生产厂编号:A063872】

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APPROVAL BY	SAFETY	DIRECTOR	ENGINEER	PREPARED
	梁楚華 2013/12/04	汪建新 2013/12/03	黃友權 2013/12/03	黃秋蘭 2013/11/29

0. REVISION CONTROL LIST

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DATE	REVISION CONTROL ITEMS						
	CONTENT OF APPROVAL SHEET	SPECIFICATION	RATING LABEL DRAWING	DC OUTPUT CORD DRAWING	PRODUCT OUTLINE DRAWING	PACKING DRAWING	SAFETY LICENSE
2012.05.18	A	A	A	A	A	A	A
2013.01.07	B	A	A	A	A	B	A
2013.11.29	B	A	A	A	A	B	A

REVISION CHANGE DESCRIPTION

ITME	REV	DESCRIPTION
	B	UPDATE PACKING DRAWING
	C	Change the label and packing

1. SPECIFICATION

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0. REVISION CHANGE DESCRIPTION

Revision	Description	Date
A	Initial release	2012.05.18

1. GENERAL DESCRIPTION

This specification defines the input, output, performance characteristics, environment, noise and safety requirements for a 12 watts switching type power adapter.

The adapter input/output are full range AC input and +12V DC with 12 watts maximum output.

2. INPUT REQUIREMENT

2-1 AC INPUT VOLTAGE

MINIMUM	NOMINAL	MAXIMUM
90VAC	100-240 VAC	264 VAC

2-2 AC INPUT FREQUENCY

MINIMUM	NOMINAL	MAXIMUM
47 Hz	50 / 60 Hz	63 Hz

2-3 AC INPUT CURRENT

NOMINAL AC INPUT VOLTAGE	0.5 A maximum
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2-4 AC INRUSH CURRENT

AT FULL LOAD, 25 DEGREE C, COLD START

NOMINAL AC INPUT VOLTAGE	No damage shall be occurred and the input fuse shall not be blown up.
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2-5 CONFIGURATION

Wall-mount type, EU-pin, 2 Conductors, < Live, Neutral >

2-6 POWER CONSUMPTION

115VAC/230VAC INPUT , power consumption less than 0.3W

1. SPECIFICATION

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3. OUTPUT REQUIREMENT

3-1	DC OUTPUT VOLTAGE	+12 V
3-2	MINIMUM LOAD CURRENT	0 A
3-3	NOMINAL LOAD CURRENT	1 A
3-4	NOMINAL OUTPUT POWER	12W
3-5	OUTPUT REGULATION	+/-5%
3-6	RIPPLE AND NOISE	120 mVp-p maximum
		At 20 MHz, and output parallel with 0.1uF & 10uF capacitors to ground Temperature at 25 °C, and nominal input voltage
3-7	AVERAGE EFFICIENCY	77.76% minimum
		At 115/230VAC input voltage and meet cec:V
		ERP :2009/125/EC
3-8	RISE TIME	100mS maximum at nominal input voltage
3-9	TURN-ON DELAY	3 Seconds maximum at nominal input voltage
3-10	PROTECTION	
	SHORT-CIRCUIT PROTECTION	Short circuit protection is to be included in the construction of the adaptor. The adaptor is designed to withstand continuous current of a short circuit on the output. The adaptor will be short circuit tolerant for an indefinite period.
	OVER-CURRENT PROTECTION	2.5A maximum with auto-recovery function
	OVER-VOLTAGE PROTECTION	24VDC maximum
3-11	REMARK	Unless otherwise specification output load Must set at CR mode.

4. MECHANICAL REQUIREMENT

4-1 DIMENSION

70 (L) * 29.8 (W) * 78.7 (H) mm maximum

4-2 WEIGHT

About 140g

4-3 INPUT PLUG TYPE

Wall-mount type, EU-pin, 2 Conductors, < Live, Neutral >

4-4 OUTPUT CORD

WIRE: 22AWG/2C 2468, 1500mm

PLUG: JACK PLUG 5.5*2.1*10mm

1. SPECIFICATION

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5. ENVIRONMENTAL REQUIREMENT

5-1 COOLING

Cooling shall be with natural convection cooling

5-2 OPERATING TEMPERATURE

0 °C TO 40 °C

5-3 STORAGE TEMPERATURE

-20 °C TO +80 °C

5-4 OPERATING HUMIDITY

20 ~ 85 % RH. NON-CONDENSING

5-5 STORAGE HUMIDITY

5 ~ 95 % RH. NON-CONDENSING

5-6 VIBRATION TEST REQUIREMENT

(Non-operating, with packing) Reference to IEC 68-2-6

Test conditions		Acceptance criteria
1.Frequency	5 ~ 500 Hz	Normal functional test should be satisfied after the test
2.Sweep	2houre. For each axis (X, Y, Z)	
3.Acceleration	0.6G (5~50 Hz, peak - peak), 1.5G (50~500 Hz, peak - peak)	
4.Displacement	0.4 mm (5~50 Hz)	

6. SAFETY REQUIREMENT

6-1 DIELECTRIC WITHSTANDING VOLTAGE TEST (HI-POT TEST)

Primary To Secondary: 3000VAC 10mA 1minute or 4242VDC 10mA 1minute

6-2 LEAKAGE CURRENT

0.25mA maximum, at nominal AC input voltage and frequency

6-3 SAFETY STANDARD

Designed to meet TUV-GS(EN60950-1)

6-4 EMI STANDARD

Designed to meet CE(EN55022)

1. SPECIFICATION

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7. RELIABILITY

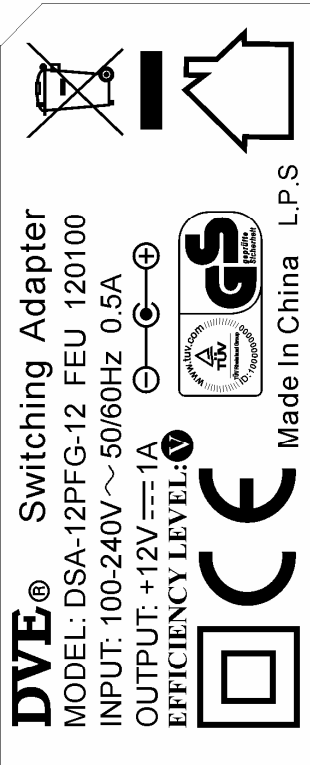
7-1 MEAN TIME BETWEEN FAILURE (MTBF)

The power supply shall be designed and Prediction to have a mean time between failures (MTBF) of 50000 operating hours minimum and conditions: @115VAC/230VAC, full load, 0°C ~40°C, MTBF calculation meet Telcordia Technologies Special Report SR-332 (Issue 2).

2. RATING LABEL DRAWING

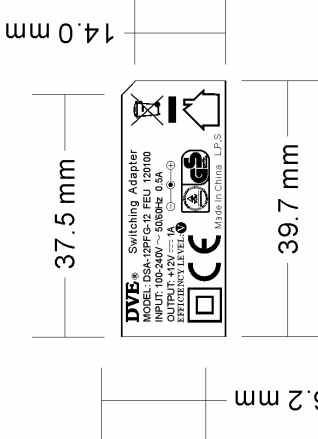
-- 1 / 3

FROM NO.: 1 COMPUTER NO.:	
REV	DATE
A	12/05/18
DESCRIPTION	BY
	z q



DVE® Switching Adapter
 MODEL: DSA-12PFG-12 FEU 120100
 INPUT: 100-240V ~ 50/60Hz 0.5A
 OUTPUT: +12V = 1A
 EFFICIENCY LEVEL:

Made In China L.P.S

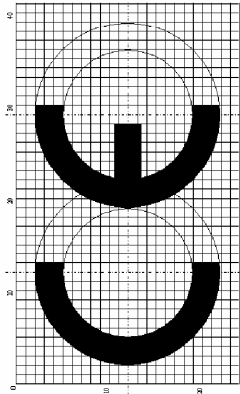
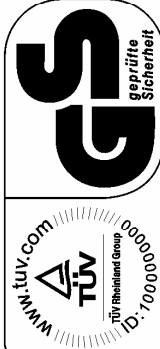


14.0 mm
 37.5 mm
 39.7 mm
 16.2 mm

1:1

NOTE:

1. 顏色: 銀底黑字
2. 材質: 消銀龍加亮面 (UL, CSA APPROVAL)
環保材料
3. 處理: 永久背膠
4. 須由 UL, CSA 合格廠商承制
5. 儲存溫度: -20°C 及 +70°C 之範圍
6. 待業務確認安規等各項再行制作生產
7. 回形及 CE LOGO 高度最小需達到 5mm
8. LABEL 厚度為 0.25 ± 0.02 mm
9. 禁止使用 DVE 所禁用之危害物質

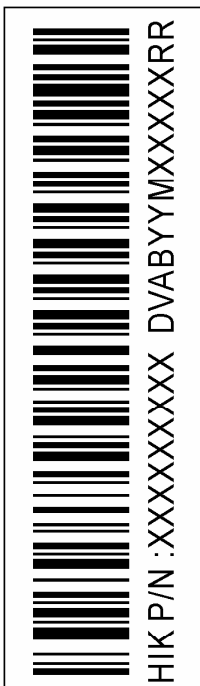

DEPART. MENT	UNIT	CASE	PART NO.	SALE	備註
R&D SPS	mm				
APPD. BY	CHD. BY	DWG. BY	DRAWING NO.	SAFETY	備註
鄒運龍	汪建新	鄭侨		黃艳华	

DEE VAN ENTERPRISE CO., LTD.	PAGE 1 OF 1
MODEL NO.: DSA-12PFG-12 FEU 120100	

FM-336(A)

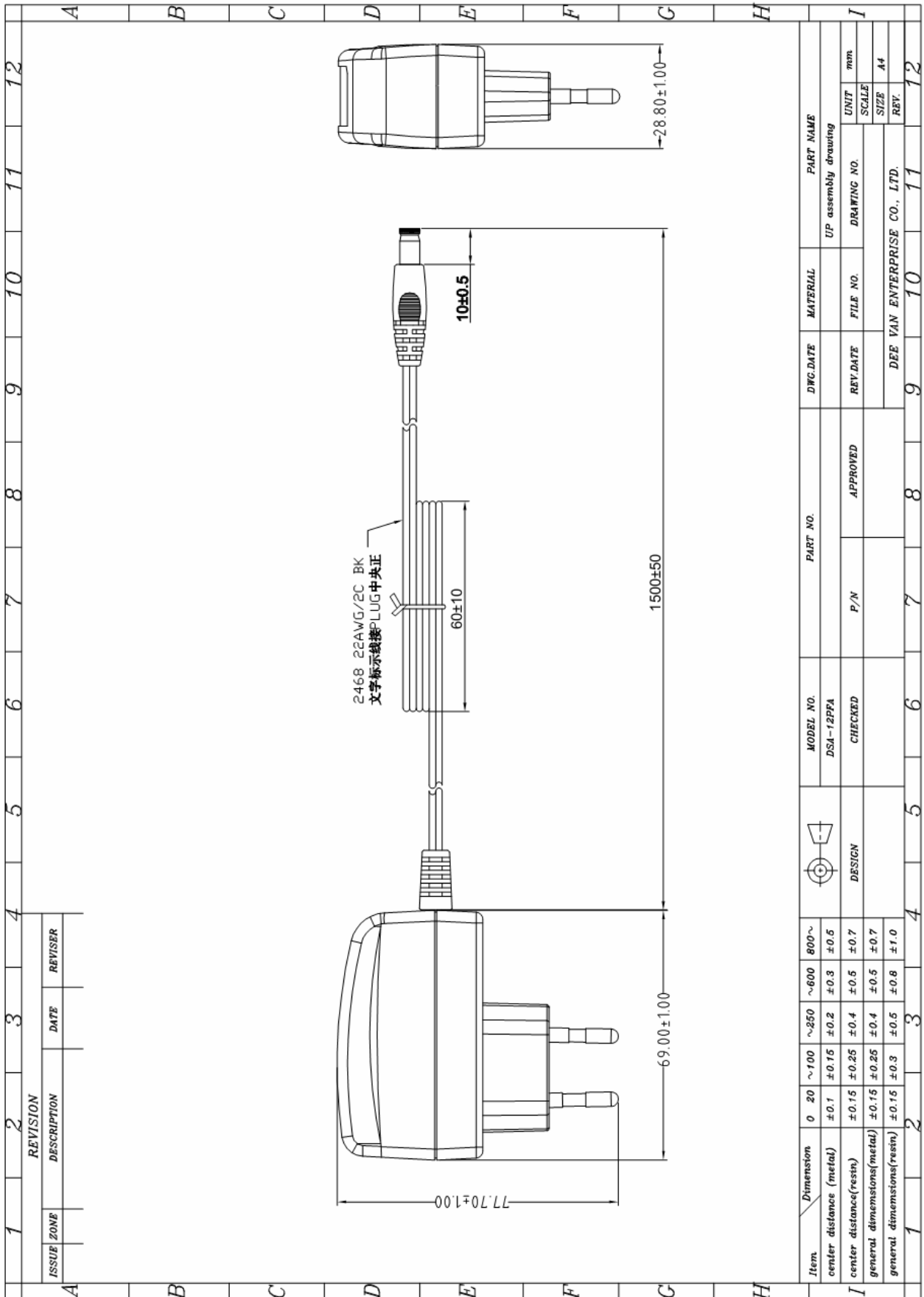
2. RATING LABEL DRAWING

-- 2 / 3

FROM NO.:1 COMPUTER NO.:		DATE	BY
REV	ZONE	DESCRIPTION	13/11/07
A			SUHD
 <p style="text-align: center;">HIK P/N :XXXXXXXXX DVABYMXXXXXRRR</p>			
 <p style="text-align: center;">HIK P/N :XXXXXXXXX DVABYMXXXXXRRR</p>		35 mm	1:1
<p>10 mm</p>			
<p>3:1 Bar Code 128</p>			
<p>HIK P/N :XXXXXXXXXX---依工令印制</p> <p>DVABYMXXXXXRRR</p> <p>DV:供方代碼,固定不變.</p> <p>AB:產品型號代碼,例如:60.</p> <p>M---生產月份,一個大寫字母表示,A~L代表數字1~12,例如1月用A表示.</p> <p>YY---生產年份,兩個大寫字母表示,A~J代表數字0~9,例如:2011年用BB表示.</p> <p>XXXXX---流水號,00001~99999,不同月份從頭開始.</p> <p>RR:產品版本代碼,例如:01.</p> <p>工單號碼: FFS1-000010164 客戶: H280</p>			
<p>NOTE:</p> <ol style="list-style-type: none"> 顏色:白底黑字 銅板紙+亮面(UL, CSA APPROVAL) 環保材料 處理:永久背膠 須由UL, CAS合格廠商承制 儲存溫度: -20°C及+90°C之範圍 待業務確認安規等各項再行制作生產 禁止使用DVE所禁用之危害物質 LABEL厚度為0.12+/-0.02mm 			
DEPART	M ENT	UNIT	CASE
R&D	SPS	mm	89V600012-25H
APPD.	BY	CHD.	BY
		SUHD	FO-S2013
<p>DEE VAN ENTERPRISE CO., LTD.</p>		SALE	DIMENSIONAL TOLERANCE
			+0-0.2mm
<p>MODEL NO.:</p>		DRAWING NO.	SAFETY
<p>DSA-12PFG-12</p>		PAGE 10F1	備注
MR-381 (V0)			

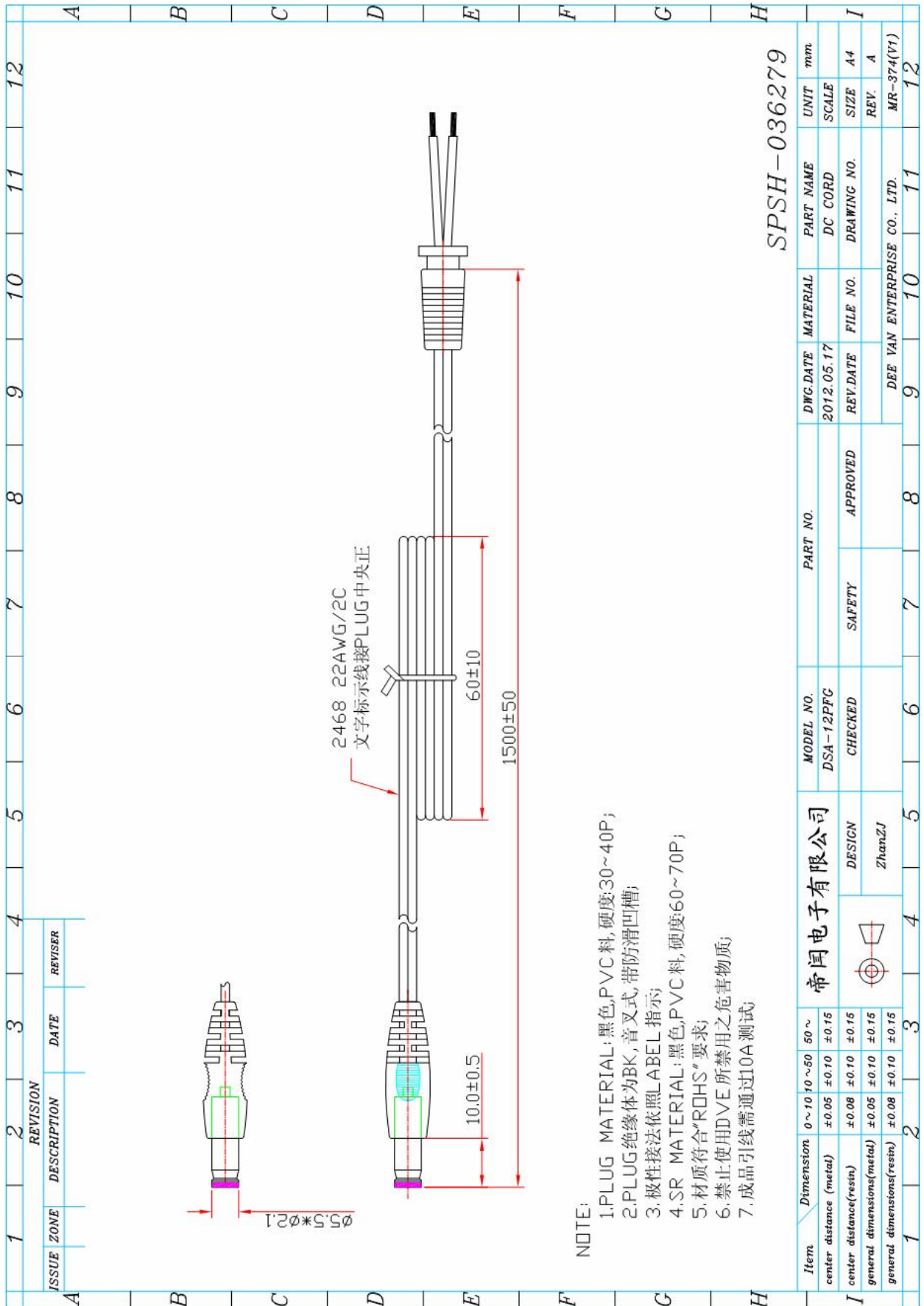
2. RATING LABEL DRAWING

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3. DC OUTPUT CORD DRAWING

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NOTE:
 1. PLUG MATERIAL: 黑色, PVC料, 硬度: 30~40P;
 2. PLUG绝缘体为BK, 音叉式, 带防滑凹槽;
 3. 极性接法依照LABEL指示;
 4. SR MATERIAL: 黑色, PVC料, 硬度60~70P;
 5. 材质符合ROHS*要求;
 6. 禁止使用DVE所禁用之危害物质;
 7. 成品引线需通过10A测试

Item	Dimension	0~10	10~50	50~	MODEL NO.	PART NO.	DWG. DATE	MATERIAL	PART NAME	UNIT
center distance (metal)	±0.05	±0.10	±0.15		DSA-12PFG		2012.05.17		DC CORD	mm
center distance (resin)	±0.08	±0.10	±0.15		CHECKED	SAFETY	REV. DATE	FILE NO.	DRAWING NO.	SCALE
general dimensions (metal)	±0.05	±0.10	±0.15			APPROVED				SIZE A4
general dimensions (resin)	±0.08	±0.10	±0.15							REV. A
							DEE VAN ENTERPRISE CO., LTD.			MR-374(V1)

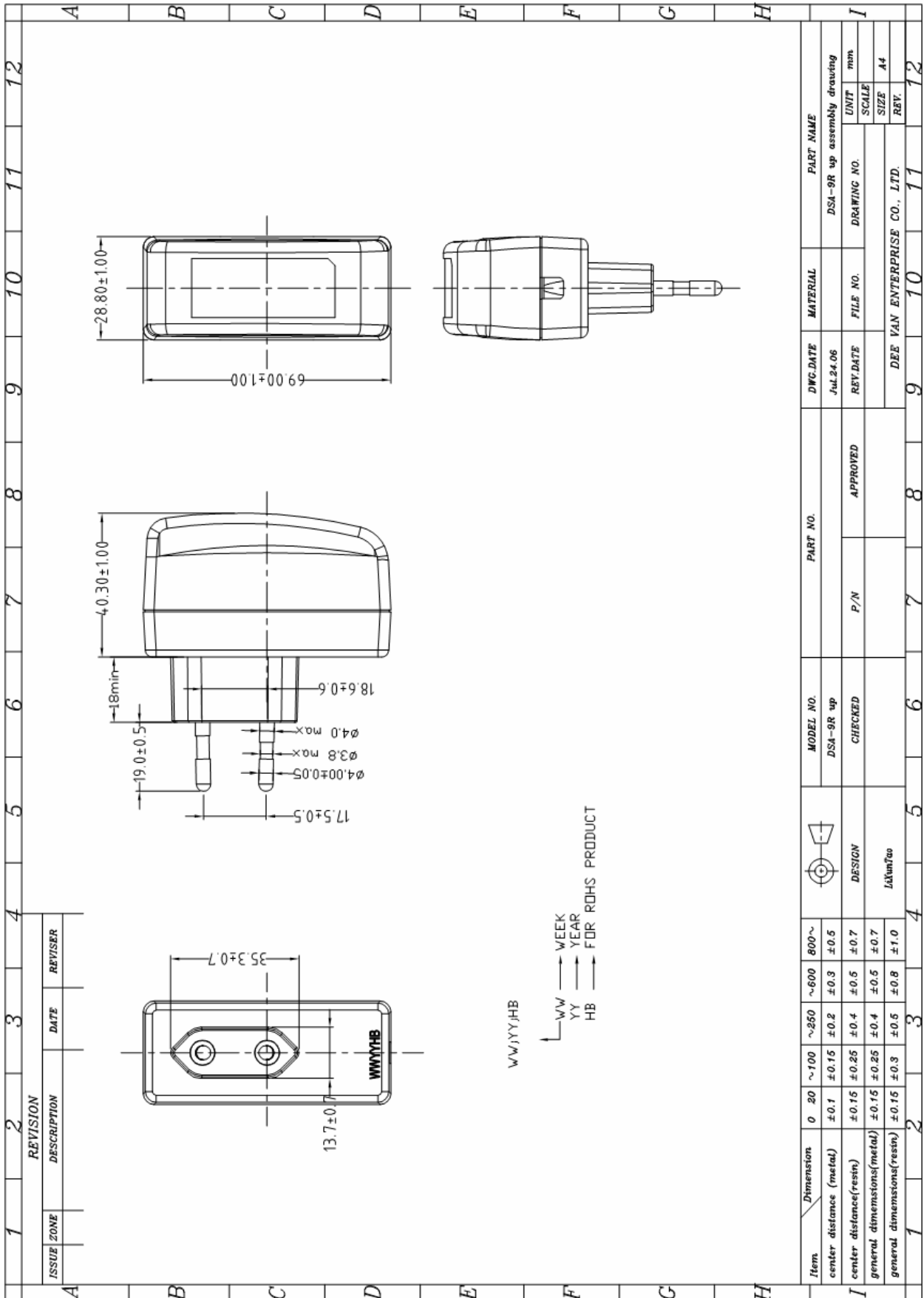
帝聞電子有限公司



DESIGN
ZhanZJ

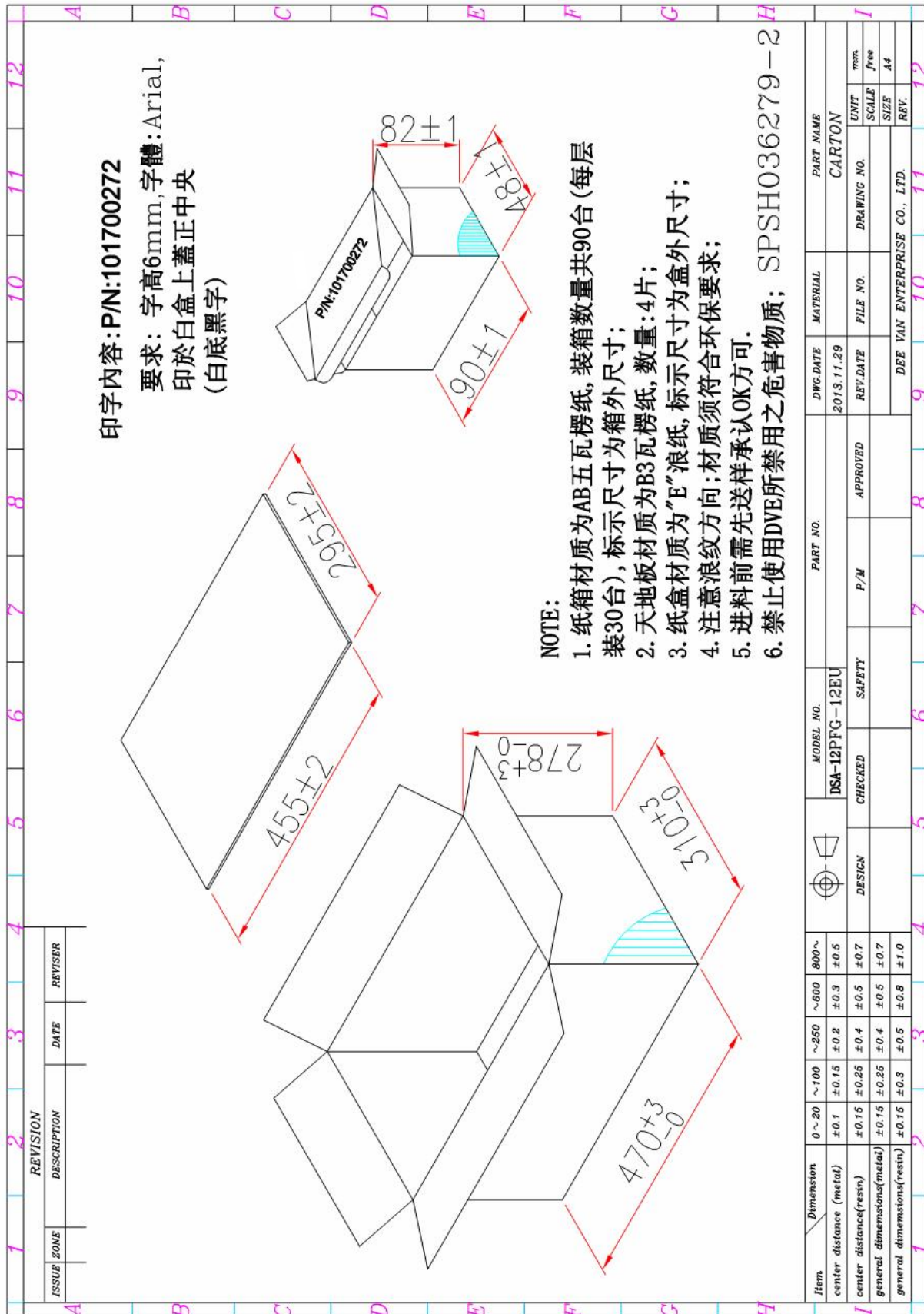
4. PRODUCT OUTLINE DRAWING

-- 1 / 1



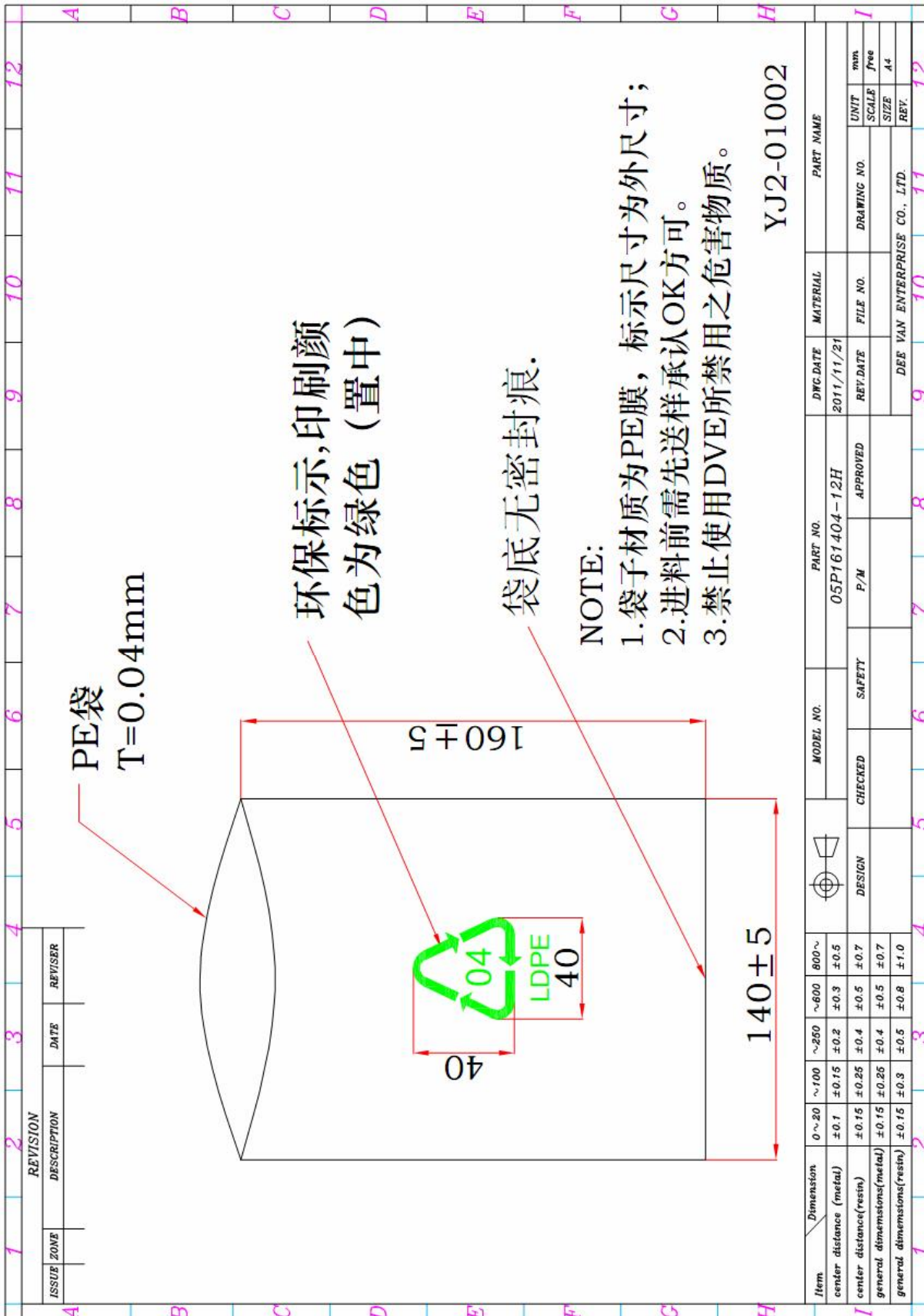
5. PACKING DRAWING

-- 1 / 2






5. PACKING DRAWING

- 2 / 2



6. SAFETY LICENSE(TUV-GS)

-- 1 / 6

Zertifikat		Certificate			
Zertifikat Nr. <i>Certificate No.</i> S1 50245464		Blatt <i>Page</i> 0001			
Ihr Zeichen <i>Client Reference</i> 174007506	Unser Zeichen <i>Our Reference</i> 05-RX- 16031400 002	Längstens gültig bis <i>Latest expiration date</i> 15.01.2018			
Genehmigungsinhaber <i>License Holder</i> Dee Van Enterprise Co., Ltd. No. 5, Pao-Kao Road Hsin Tien, Taipei 231 Taiwan		Fertigungsstätte <i>Manufacturing Plant</i> Dee Van Electronics (Longchuan) Co., Ltd. Meichun Industrial District Longchuan Country Heyuan, Guangdong 517300 P.R. China			
Prüfzeichen <i>Test Mark</i> 		Geprüft nach <i>Tested acc. to</i> EN 60950-1:2006+A11+A1+A12 ZEK 01.4-08/11.11			
Der Anhang I der Richtlinie 2006/95/EG ist eingehalten. Das Zertifikat kann im Rahmen der Konformitätserklärung nach Anhang III verwendet werden. <i>Annex I of the directive 2006/95/EC is complied with. The certificate can be used in connection with the EC declaration of conformity acc. to Annex III.</i>					
Zertifiziertes Produkt (Geräteidentifikation) <i>Certified Product (Product Identification)</i>			Lizenzentgelte - Einheit <i>License Fee - Unit</i>		
Netzgerät (Switching Adapter)					
Serienbezeichnung : (Series Type Designation)		Nenneingangswerte : (Rated Input Values)		15	
DSA-12PFG-12 AEU de		AC 200-240V, 50/60Hz, 0,5A			
DSA-12PFG-12 FEU de		AC 100-240V, 50/60Hz, 0,5A			
d = 090-120; Eine Dreistellige Zahl, welche die Ausgangsspannung in Volt angibt, nach Teilung der Zahl durch 10. (Is a 3 digit numerical code, which represents the output voltage in Volt after dividing the number by 10.)					
e = 001-100; Eine Dreistellige Zahl, welche den Ausgangsstrom in A angibt, nach Teilung der Zahl durch 100. (Is a 3 digit numerical code, which represents the output current in A after dividing the number by 100.)					
Fortsetzung auf Blatt (continued on page) 0002					
15					
Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde. Produkt und Fertigungsstätte erfüllen § 20 und § 21 des Produktsicherheitsgesetzes. <i>This certificate is based on our Testing and Certification Regulation. Product and production fulfill par § 20 and § 21 of the Product Safety Law.</i>					
TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg Tel.: (+49/221)8 06 - 13 71 e-mail: cert-validity@de.tuv.com Fax: (+49/221)8 06 - 39 35 http://www.tuv.com/safety					
Ausstellungsdatum <i>Date of Issue</i> : 16.01.2013 (day/mo/yr)			 Zertifizierungsstelle Dipl.-Ing. (FH) T. Zimmer		

6. SAFETY LICENSE(TUV-GS)

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Zertifikat		Certificate			
Zertifikat Nr. Certificate No. S1 50245464		Blatt Page 0002			
Ihr Zeichen Client Reference 174007506	Unser Zeichen Our Reference 05-RX- 16031400 002	Längstens gültig bis Latest expiration date (day/mo/yr) 15.01.2018			
Genehmigungsinhaber License Holder Dee Van Enterprise Co., Ltd. No. 5, Pao-Kao Road Hsin Tien, Taipei 231 Taiwan			Fertigungsstätte Manufacturing Plant Dee Van Electronics (Longchuan) Co., Ltd. Meichun Industrial District Longchuan Country Heyuan, Guangdong 517300 P.R. China		
Prüfzeichen Test Mark		Geprüft nach Tested acc. to EN 60950-1:2006+A11+A1+A12 ZEK 01.4-08/11.11			
					
<small>Der Anhang I der Richtlinie 2006/95/EG ist eingehalten. Das Zertifikat kann im Rahmen der Konformitätserklärung nach Anhang III verwendet werden. Annex I of the directive 2006/95/EC is complied with. The certificate can be used in connection with the EC declaration of conformity acc. to Annex III.</small>					
Zertifiziertes Produkt (Geräteidentifikation) Certified Product (Product Identification)			Lizenzentgelte - Einheit License Fee - Unit		
Netzgerät (Switching Adapter)					
wie Blatt (as page) 0001 Fortsetzung (Continuation) Nennausgangswerte : DC 9,0-12,0V; 1,0A max. (Rated Output Values) Schutzklasse (Protection Class) : II Umgebungstemperatur (Ambient Temperature) : 40°C					
Hinweis: Dieses Netzgerät erfüllt die Anforderung nach Abschnitt 2.5 als Stromquelle mit begrenzter Leistung. (Remark: The power supply complies with clause 2.5 as a limited power source.) Ausgangsspannung und -strom haben Werte mit der Schrittweite 0,1V bzw. 0,01A. Nach Multiplikation beider Werte sind Modellbezeichnungen limitiert durch die max. Ausgangsleistung. (Output voltage and -current have values in steps of 0,1V resp. 0,01A. By multiplication of both values the type designations are limited through the max.output power.)					
<small>Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde. Produkt und Fertigungsstätte erfüllen § 20 und § 21 des Produktsicherheitsgesetzes. This certificate is based on our Testing and Certification Regulation. Product and production fulfill par § 20 and § 21 of the Product Safety Law.</small>					
TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg Tel.: (+49/221)8 06 - 13 71 e-mail: cert-validity@de.tuv.com Fax: (+49/221)8 06 - 39 35 http://www.tuv.com/safety					
Ausstellungsdatum Date of Issue : 16.01.2013 (day/mo/yr)			 Zertifizierungsstelle  Dipl.-Ing. (FH) T. Zimmer		



6. SAFETY LICENSE(TUV-GS)

-- 3 / 6

Zertifikat		Certificate			
Zertifikat Nr. <i>Certificate No.</i> S1 50245464		Blatt <i>Page</i> 0003			
Ihr Zeichen <i>Client Reference</i> 174007506		Unser Zeichen <i>Our Reference</i> 05-RX- 16031400 002		Längstens gültig bis <i>Latest expiration date</i> 15.01.2018 <small>(day/mo/yr)</small>	
Genehmigungsinhaber <i>License Holder</i> Dee Van Enterprise Co., Ltd. No. 5, Pao-Kao Road Hsin Tien, Taipei 231 Taiwan			Fertigungsstätte <i>Manufacturing Plant</i> Dee Van Technology (Longchuan) Co., Ltd. Meichun Industrial District Longchuan Country Heyuan, Guangdong 517300 P.R. China		
Prüfzeichen <i>Test Mark</i>		Geprüft nach <i>Tested acc. to</i> EN 60950-1:2006+A11+A1+A12 ZEK 01.4-08/11.11			
					
Der Anhang I der Richtlinie 2006/95/EG ist eingehalten. Das Zertifikat kann im Rahmen der Konformitätserklärung nach Anhang III verwendet werden. <i>Annex I of the directive 2006/95/EC is complied with. The certificate can be used in connection with the EC declaration of conformity acc. to Annex III.</i>					
Zertifiziertes Produkt <i>(Geräteidentifikation)</i> <i>Certified Product (Product Identification)</i>			Lizenzentgelte - Einheit <i>License Fee - Unit</i>		
Netzgerät <i>(Switching Adapter)</i>					
wie Blatt (as page) 0001					
Ergänzung <i>(Addition)</i>					
Fertigungsstätte : siehe oben <i>(Factory) (see above)</i>					
Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde. Produkt und Fertigungsstätte erfüllen § 20 und § 21 des Produktsicherheitsgesetzes. <i>This certificate is based on our Testing and Certification Regulation. Product and production fulfill par § 20 and § 21 of the Product Safety Law.</i>					
TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg Tel.: (+49/221)8 06 - 13 71 e-mail: cert-validity@de.tuv.com Fax: (+49/221)8 06 - 39 35 http://www.tuv.com/safety			Zertifizierungsstelle  Dipl.-Ing. (FH) T. Zimmer		
					
Ausstellungsdatum <i>Date of Issue</i> : 16.01.2013 (day/mo/yr)					




6. SAFETY LICENSE(TUV-GS)

-- 4 / 6

Zertifikat		Certificate			
Zertifikat Nr. <i>Certificate No.</i> S1 50245464		Blatt <i>Page</i> 0004			
Ihr Zeichen <i>Client Reference</i> 174007506	Unser Zeichen <i>Our Reference</i> 05-RX- 16031400 002	Längstens gültig bis <i>Latest expiration date</i> 15.01.2018			
Genehmigungsinhaber <i>License Holder</i> Dee Van Enterprise Co., Ltd. No. 5, Pao-Kao Road Hsin Tien, Taipei 231 Taiwan		Fertigungsstätte <i>Manufacturing Plant</i> Dee Van Electronics (Jiashan) Co., Ltd. Sanqi Electronics Information Industry District Jiashan Economy Development Zone, Jiashan Town Jiaxing, Zhejiang 314100 P.R. China			
Prüfzeichen <i>Test Mark</i>		Geprüft nach <i>Tested acc. to</i> EN 60950-1:2006+A11+A1+A12 ZEK 01.4-08/11.11			
					
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Zertifiziertes Produkt (Geräteidentifikation) <i>Certified Product (Product Identification)</i>			Lizenzentgelte - Einheit <i>License Fee - Unit</i>		
Netzgerät (Switching Adapter)					
wie Blatt (as page) 0001					
Ergänzung (Addition)					
Fertigungsstätte : siehe oben (Factory) (see above)					
<p>Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde. Produkt und Fertigungsstätte erfüllen § 20 und § 21 des Produktsicherheitsgesetzes. <i>This certificate is based on our Testing and Certification Regulation. Product and production fulfill par § 20 and § 21 of the Product Safety Law.</i></p> <p>TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg Tel.: (+49/221)8 06 - 13 71 e-mail: cert-validity@de.tuv.com Fax: (+49/221)8 06 - 39 35 http://www.tuv.com/safety</p>					
Ausstellungsdatum <i>Date of Issue</i> : 16.01.2013 (day/mo/yr)			Zertifizierungsstelle  Dipl.-Ing. (FH) T. Zimmer		
					

6. SAFETY LICENSE(TUV-GS)

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C E R T I F I C A T E		
of Conformity Low Voltage Directive 2006/95/EC		
Registration No.:	AN 50245469 0001	
Report No.:	16031400 002	
Holder:	Dee Van Enterprise Co., Ltd. No. 5, Pao-Kao Road Hsin Tien, Taipei 231 Taiwan	
Product:	<u>Power Supply</u> (Switching Adapter)	
Identification:	Series Type Designation : DSA-12PFG-12 AEU de DSA-12PFG-12 FEU de For a detailed listing of the variables d, e refer to license S1 50245464 0001-0004. Serial No.: n.a. (Issued in conjunction with the above mentioned TÜV Rheinland license.)	
<p>This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all revision of Annex I of Council Directive 2006/95/EC, in its latest amended version, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex III of the Directive.</p>		
		Certification Body 
Date	<u>16.01.2013</u>	 Dipl.-Ing. (FH) T. Zimmer
TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg		
CE The CE marking may be used if all relevant and effective EC Directives are complied with. CE		

12009 34/08 TÜV, TÜV and TÜV are registered trademarks. Issuance and application requires prior approval.

6. SAFETY LICENSE(CE)

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Certificate of Conformity

No. ESTE-E1311041

The following products have been tested by us with the listed standards and found in compliance with the council EMC directive 2004/108/EC. It is demonstrative for the compliance with this EMC Directive.

Applicant : Dee Van Enterprise Co., Ltd
 Address : No.5 Pao-Kao Road, Hish-Tien City, Taipei, Taiwan, China
 Trade Name : DVE
 Product : Switching Adapter
 Model No :

No	MODEL	INPUT	OUTPUT	
		V, A	V dc	Max. A
1	DSA-12PFG-12 Ac de	200-240VAC, 50/60Hz, 0.5A	9.0-12.0	1.0
2	DSA-12PFG-12 Bc de	100-120VAC, 50/60Hz, 0.5A	9.0-12.0	1.0
3	DSA-12PFG-12 Fc de	100-240VAC, 50/60Hz, 0.5A	9.0-12.0	1.0

“c” can be EU, UK, US, CH, IN, AU, KR, JP or AR

“d” is 3 digit number(090 to 120) which represents the output voltage

“e” is 3 digit number (from 001 to 100) which represents the output current

Test Standards :	
EN 55022:2010 CISPR 22:2008	Limits and methods of measurement of radio disturbance characteristics of information technology equipment
EN 61000-3-2:2006+A1:2009+A2:2009	Electromagnetic compatibility (EMC) -- Part 3-2: Limits - Limits for harmonic current emissions (equipment input current up to and including 16 A per phase)
EN 61000-3-3:2008	Electromagnetic compatibility (EMC) -- Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection
EN 55024:2010 CISPR 24:2010	Information technology equipment-Immunity characteristics limits and methods of measurement



EST Technology Co., Ltd

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Chilingxiang, Qishantou, Santun, Houjie, Dongguan, Guangdong, China

The statement is based on a single evaluation of one sample of above mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab's logo.