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广东恒永科技有限公司
Ms.Summer Liu



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Date: 2020/04/17
Subscriber: 100558849
PartySite:
File No: E135856
Project No: 4789422760
PD No: 20018927
Type: R
PO Number:

Subject: **Procedure And/Or Report Material**

The following material resulting from the investigation under the above numbers is enclosed.

Issue

<u>Date</u>	<u>Vol</u>	<u>Sec</u>	<u>Pages</u>	<u>Revised Date</u>
	X5		Index Page(s)	
2020/04/15	X5	A6031	Cert of Compliance	
2020/04/15	X5	A6031	Add New Proc/Report Sect	

Customer PO Project#4789422760_20200317Summer

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Please file revised pages and illustrations in place of material of like identity. New material should be filed in its proper numerical order.

NOTE: Follow-Up Service Procedure revisions DO NOT include Cover Pages, Test Records and Conclusion Pages. Report revisions DO NOT include Authorization Pages, Indices, Section General Pages and Appendixes.

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TPI File

File		Volume	Page	Date:
E135856	Index	X5	1	15-Apr-20

Index

<u>Product Type</u>	<u>Model/Type Reference</u>	<u>Report Reference #</u>	<u>Status</u>
Switching Adapter	DSA-90PFE-19 3 190y (See Enclosure 7-01 for details definition)	E135856-A6001-UL	
Switching Adapter	DSA-40PFB-19 Fc 190y(c, y are variables, please see model list on enclosure 7-04 for detail)	E135856-A6004-UL	
Switching Adapter	DSA-36PFN-12 bc xy, DSA-36PFN-12L bc xy, DSA-36PFN-12 FCA xy, DSA-36PFN-12L FCA xy (b, c, x and y are variables)	E135856-A6005-UL	
Switching Adapter	DSA-3PFM-05 ab 050y; AC-18U (a, b, y are variables, please see model list on enclosure 07-01 for detail)	E135856-A6006-UL	
Switching Adapter	DSA-10PF06-05 bc xy (b, c, x and y are variables, see enclosure 07-02 Model List for details)	E135856-A6007-UL	
Switching Adapter	DSA-12PF09-12 bc 120y (b, c, and y are variables, see model list in Enclosure 7-03 for details.)	E135856-A6008-UL	
Switching Adapter	DSA-13PFG-05 050y, DSA-13PFG-05R FUS 050y (For definition of variables "y" is a 3 digit number code, from 001 to 250 which represents the output current in Ampere after dividing by 100 in a step of 0.01A, for example, 250 represents the output current is 2.5A)	E135856-A6010-UL	
Switching Adapter	DSA-90PFE-19 2 190y (y is variable, see enclosure 7-10 for details)	E135856-A6011-UL	
Switching Adapter	DSA-18PFR-05 bc xy, DSA-18PFCA-05 xy, RPI-18PFR-05 Tc, RPI-18PFCA-05, DSA-18PFR-09 bc xy, DSA-18PFCA-09 xy, DSA-18PFR-12 bc xy, DSA-18PFCA-12 xy, DSA-18PFR-15 bc xy, DSA-18PFCA-15 xy (b, c, x and y are variables, refer to enclosure 7-01 model list for detail)	E135856-A6012-UL	
Switching Adapter	DSA-42PFH-12 bc 120y, DSA-42PFH-12L bc 120y, DSA-42PFH-12 FCA 120y, DSA-42PFH-12L FCA 120y	E135856-A6016-UL	

File		Volume	Page	Date:
E135856	Index	X5	2	15-Apr-20

	(b, c and y are variables on enclosure 7-09)		
Switching Adapter	DSA-18PFR-12 FUS xyS, DSA-18PFR-12 BUS xyS (For definition of variables x and y, please see model list in enclosure 7-04 for detail)	E135856-A6017-UL	
Switching Adapter	DSA-5PFU-05 Fc 050y, DSA-5PFU1-05 Fc 050y, DSA-5PFU1-05 FCA 050y, DSA-5PFU1-05 FCA 050yC (where c can be US or UJ represents the American plug used, y is 3-digit number from 001 to 100, which represents the output current in mA and in a step of 10mA, See model list on enclosure 7-09 for details)	E135856-A6018-UL	
Switching Adapter	DSA-30PFL-12a bc xy, DSA-30PFL-12a FCA xy (a, b, c, x and y are variables, See enclosure 7-01 for details)	E135856-A6019-UL	
Switching Adapter	DSA-12PF11-05 bUS xy, DSA-12PF11-12 bUS xy (b, x and y are variables, please see enclosure item 7-03 for detail)	E135856-A6020-UL	
Switching Adapter	DSA-13PFC-05 bc xy and DSA-13PFC-05 FCA xy ("b" can be F, A or B; "c" can be UJ or US; "x" is a 3 digit number code from 050 to 060; and "y" is a 3 digit number code from 001 to 250)	E135856-A6021-UL	
Switching Adapter	DSA-12PFU-a bc xy, DSA-12PFU-a FCA xy ('a' can be 12 or 24 or 09 or 05; 'b' can be F, A or B; 'c' can be UJ or US; 'x' is a 3 digit number code from 042 to 052, 090 to 120, 240; and 'y' is a 3 digit number code from 001 to 210)	E135856-A6022-UL	
Power Adapter for Keypad	DSA-5PF17-05 bc 050y (b can be F or B, Means the input voltage. F means the input voltage range is 100-240Vac, B means the input voltage range is 100-120Vac. c can be US, UJ, US or UJ means American plug used. and y is a 3 digit number code, from 001 to 100, Which represents the output current value in Ampere after dividing by 100 and rising in step of 0.01A,	E135856-A6024-UL	

File		Volume	Page	Date:
E135856	Index	X5	3	15-Apr-20

	for example, 100 represents the output current is 1.0A.)		
Switching Adapter	DSA-24PFS-05L bc xy, DSA-24PFS-05 bc xy; DSA-24PFS-12L bc xy, DSA-24PFS-12 bc xy; DSA-24PFS-19L bc xy, DSA-24PFS-19 bc xy ("b, c, x, y" are variable, see enclosure 7-01 for details)	E135856-A6025-UL	
Switching Adapter	DSA-6PFG-a bc xy (a can be 05, 09 or 12; b can be B or F; c can be UJ or US; x can be 050 to 052, 075 to 090 or 120; y can be 001 to 120)	E135856-A6026-UL	
Switching Adapter	DSA-42PFC-24 2 240c (c is 3 digit numbers from 001 to 175 which represents the output current in ampere, after dividing by 100 in step of 0.01 A , for example, 175 represents the output current is 1.75 A)	E135856-A6027-UL	
Power Adapter / Switching Adapter	DSA-65PFG-19 FUS 190342	E135856-A6028-UL	
Switching Adapter	DSA-48PFB-12 2 120400, SWB2-01, DSA-50PFB-12 2 xyA ("x", "y" are variables, see enclosure 7-01 for details)	E135856-A6029-UL	
Switching Adapter	DSA-12PFT-03 bc 042y (b can be F or B, F means the input voltage range is 100-240Vac, B means the input voltage range is 100-120Vac. c can be US or UJ means American Plug used. y can be 001 to 150 indicated output current from 0.01A to 1.5 A in step of 0.01A.)	E135856-A6030-UL	
Switching Adapter	DSA-10PFP-05 xy (x, y are variables, see Enclosure ID 07-01 for details)	E135856-A6031-UL	

CERTIFICATE OF COMPLIANCE

Certificate Number E135856
Report Reference E135856-A6031-UL
Issue Date 2020-APRIL-17

Issued to: DEE VAN ENTERPRISE CO LTD
NO 5 PAO-KAO RD
HSIN-TIEN, TAIPEI 231 TAIWAN

**This certificate confirms that
representative samples of**

POWER SUPPLIES FOR USE WITH AUDIO/VIDEO,
INFORMATION AND COMMUNICATION TECHNOLOGY
EQUIPMENT

Switching Adapter

DSA-10PFP-05 xy "x"=050-055, is 3 digit number which
represents the output voltage, 055 represents the output
voltage is 5.5V, "y"=000-200, is 3 digit number which
represents the output current, 200 represents the output
current is 2.00A.

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety:

UL 62368-1 and CAN/CSA C22.2 No. 62368-1-14 -
Audio/video, information and communication technology
equipment Part 1: Safety requirements

Additional Information:

See the UL Online Certifications Directory at
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This *Certificate of Compliance* does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

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UL TEST REPORT AND PROCEDURE

Standard:	UL 62368-1, 2nd Ed, 2014-12-01 (Audio/video, information and communication technology equipment Part 1: Safety requirements) CAN/CSA C22.2 No. 62368-1-14, 2nd Ed-(Audio/video, information and communication technology equipment Part 1: Safety requirements)
Certification Type:	Listing
CCN:	QQJQ, QQJQ7 (Power Supplies for Use in Audio/Video, Information and Communication Technology Equipment)
Complementary CCN:	N/A
Product:	Switching Adapter
Model:	DSA-10PFP-05 xy (x, y are variables, see Enclosure ID 07-01 for details)
Rating:	See Enclosure ID 07-01 for details.
Applicant Name and Address:	DEE VAN ENTERPRISE CO LTD NO 5 PAO-KAO RD HSIN-TIEN TAIPEI 231 TAIWAN

This is to certify that representative samples of the products covered by this Test Report have been investigated in accordance with the above referenced Standards. The products have been found to comply with the requirements covering the category and the products are judged to be eligible for Follow-Up Service under the indicated Test Procedure. The manufacturer is authorized to use the UL Mark on such products which comply with this Test Report and any other applicable requirements of UL LLC ('UL') in accordance with the Follow-Up Service Agreement. Only those products which properly bear the UL Mark are considered as being covered by UL's Follow-Up Service under the indicated Test Procedure.

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UL authorizes the applicant to reproduce the latest pages of the referenced Test Report consisting of the first page of the Specific Technical Criteria through to the end of the Conditions of Acceptability.

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Prepared By: Cynthia Xiao / Project handler

Reviewed By:

Ellyn Zhang(T) / Kyle Luo /
Reviewer

Supporting Documentation

The following documents located at the beginning of this Procedure supplement the requirements of this Test Report:

A. Authorization - The Authorization page may include additional Factory Identification Code markings.

B. Generic Inspection Instructions -

- i. Part AC details important information which may be applicable to products covered by this Procedure. Products described in this Test Report must comply with any applicable items listed unless otherwise stated in the body of this Test Report.
- ii. Part AE details any requirements which may be applicable to all products covered by this Procedure. Products described in this Test Report must comply with any applicable items listed unless otherwise stated in the body of each Test Report.
- iii. Part AF details the requirements for the UL Certification Mark which is not controlled by the technical standard used to investigate these products. Products are permitted to bear only the Certification Mark(s) corresponding to the countries for which it is certified, as indicated in each Test Report.

Product Description

The equipment is direct plug-in type switching adapter for the use in information technology and audio/video equipment.

Model Differences

See Enclosure ID 07-01 for details.

Test Item Particulars

Classification of use by	Ordinary person Children likely to be present
Supply Connection	AC Mains
Supply % Tolerance	+10%/-10%
Supply Connection – Type	pluggable equipment type A - direct plug-in
Considered current rating of protective device as part of building or equipment installation	20 A; building;
Equipment mobility	direct plug-in
Over voltage category (OVC)	OVC II
Class of equipment	Class II
Access location	N/A
Pollution degree (PD)	PD 2
Manufacturer's specified maximum operating ambient (°C)	40°C
IP protection class	IPX0
Power Systems	TN
Altitude during operation (m)	3000 m
Altitude of test laboratory (m)	2000 m or less
Mass of equipment (kg)	0.054kg max.

Technical Considerations

- The product was submitted and evaluated for use at the maximum ambient temperature (Tma) permitted by the manufacturer's specification of : 40
- The product is intended for use on the following power systems : TN
- Considered current rating of protective device as part of the building installation (A) : 20
- Mains supply tolerance (%) or absolute mains supply values : +10%/-10%
- The equipment disconnect device is considered to be : Plug (Input Blades)
- The following circuit locations (with circuit/schematic designation) were investigated as a limited power source (LPS) : Output Connector
- The unit is intended to use at altitude of 3000m, insulation distance limit shall be multiple with factor 1.14 according to table 17 of IEC62368-1.
- The product of direct plug-in type was investigated to the following additional standards: Direct Plug-in Equipment complies with UL1310 mechanical assembly requirements. The blade configuration was evaluated and found compliant with Standard for Wiring Devices-Dimensional Specifications, ANSI/NEMA WD6 for US plug.


Additional Information

N/A

Additional Standards

The product fulfills the requirements of: N/A

Markings and Instructions

Clause Title	Marking or Instruction Details
Limited power source	Maybe marked with "Limited Power Source" or "L.PS."
Fusing resistor	"RF1: 3.3 OHM 2W OR 10 OHM 2W"
Equipment identification marking – Manufacturer identification	Listees or Recognized companys name, Trade Name, Trademark or File Number
Equipment identification marking – model identification	Model Number
Equipment rating marking – ratings	"Input Ratings (voltage, frequency/dc, current/power)", "Output Ratings (voltage, frequency/dc, current/power)"
Class II Equipment without Functional Earth	Symbol for Class II construction  (IEC 60417-5172)

Special Instructions to UL Representative

Inspect the transformer(s) listed in Production Line Testing Requirements per AA1.1- (C). When the tests are conducted at other location, inspect test record and specification sheet provided by the component manufacturer. Verify the specification sheet indicates 100% routine test specified in Production Line Testing Requirements is conducted at the component manufacturer.

BD1.0	TABLE: Production-Line Testing Requirements					
BD1.1	Electric Strength Test Special Constructions – Refer to Generic Inspection Instructions, Part AC for further information.					
Model	Component	Removable parts	Test probe location	Test V rms	Test V dc	Test Time, s
All Models	Transformer (T1)	Transformer (T1)	Primary and Secondary	4000	4000	1
BD1.2	Earthing Continuity Test Exemptions – This test is not required for the following models:					
	All models.					
BD1.3	Electric Strength Test Exemptions – This test is not required for the following models:					
	None.					
BD1.4	Electric Strength Test Component Exemptions – The following solid-state components may be disconnected from the remainder of the circuitry during the performance of this test.					
	--					

BE1.0	Sample and Test Specifics for Follow-Up Tests at UL				
Model	Component	Material	Test	Sample (s)	Test Specifics
--	--	--	--	--	--

4.1.2	TABLE: List of critical components					Pass
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Product Category CCN(s)	Mark(s) of conformity	Supplement ID
01. Enclosure	SABIC Japan L L C	N1250(f1)	Rated V-0, 105 degree C. Minimum 1.5 mm thickness. See Enclosure ID 7-02 for details.	QMFZ2	UL E207780	
01a. Enclosure (Alternate)	ASAHI KASEI CORPORATION	540Z (f1)(c)	Rated V-0, 105 degree C. Minimum 1.5 mm thickness. See Enclosure ID 7-02 for details.	QMFZ2	UL E82268	
01b. Enclosure (Alternate)	Covestro Deutschland AG.	FR6005 + (z)	Rated V-0, 105 degree C. Minimum 1.5 mm thickness. See Enclosure ID 7-02 for details.	QMFZ2	UL E41613	
02. Plug holder	ASAHI KASEI CORPORATION	540Z (f1)(c)	Rated V-0, 105 degree C.	QMFZ2	UL E82268	
02a. Plug holder (Alternate)	NAN YA PLASTICS (HUI ZHOU) CORP LTD	6410G5	Rated V-0, 115 degree C.	QMFZ2	UL E235269	
03. Input wire	Interchangeable	Interchangeable	Rated VW-1, minimum 24AWG, minimum 300V, minimum 80 degree C.	AVLV2	UL	
04. PCB	Interchangeable	Interchangeable	V-0, minimum 130 degree C.	ZPMV2	UL	
05. Insulation sheet (under PCB)	Interchangeable	Interchangeable	Rated V-2 or better, minimum 95 degree C. See Enclosure ID 7-03 for details.	QMFZ2	UL	

06. Insulation sheet between primary and secondary	SUMITOMO BAKELITE CO LTD	AV-Lite DP 901	Rated V-0, 130 degree C, minimum thickness 0.4mm. See Enclosure ID 7-04 for details.	QMFZ2	UL E41429	
06a. Insulation sheet between primary and secondary (Alternate)	SABIC INNOVATIVE PLASTICS US L L C	FR700(GG)	Rated V-0, 125 degree C, minimum thickness 0.4mm. See Enclosure ID 7-04 for details.	QMFZ2	UL E121562	
06b. Insulation sheet between primary and secondary (Alternate)	Dupont Hongji Films Foshan Co Ltd	EM	Rated VTM-2, 105 degree C, minimum thickness 0.4mm. See Enclosure ID 7-04 for details.	QMFZ2	UL E241830	
07. Fuse resistor (RF1)	ANHUI CHANGSHENG ELECTRONICS CO LTD	FRT-2W	3.3ohm, 2W 10ohm, 2W	FPEW2	UL E306095	
07a. Fuse resistor (RF1) (alternative)	TZAI YUAN ENTERPRISE CO LTD	KNF2W	3.3ohm, 2W 10ohm, 2W	FPEW2	UL E355632	
07b. Fuse resistor (RF1) (alternative)	SHENZHEN GREAT ELECTRONICS CO LTD	RXF-2W	3.3ohm, 2W 10ohm, 2W	FPEW2	UL E301541	
08. Heat-shrinkable tube	Interchangeable	Interchangeable	125C, VW-1, minimum 300V	YDPU2	UL	
09. Electrolytic capacitors (C1, C2)	--	--	Min. 400V, max. 6.8-15 μ F, 105 degree C.	--	--	
10. Bridge Rectifier (BD1)	--	--	Min. 0.6A, Min. 400V	--	--	
11. Transistor (Q1)	--	--	Min. 1.0A, Min. 600V	--	--	
12. Common choke (L1)	--	--	Minimum 130 degree C. See Enclosure ID 4-02 for details.	--	--	

13.Y- Capacitor(CY1) (Optional)	Success Electronics Co Ltd	SE,SB	Rated maximum 1000 pF, minimum 250 V, 125 degree C. Y1 capacitor.	FOWX2	UL E114280	
13a.Y- Capacitor(CY1) (Optional) (Alternate)	Tdk Corporation	CD	Rated maximum 1000 pF, minimum 250 V, 125 degree C. Y1 capacitor.	FOWX2	UL E37861	
13b.Y- Capacitor(CY1) (Optional) (Alternate)	Jya-Nay Co Ltd	JN	Rated maximum 1000 pF, minimum 250 V, 125 degree C. Y1 capacitor.	FOWX2	UL E201384	
13c.Y- Capacitor(CY1) (Optional) (Alternate)	Yinan Don's Electronic Component Co Ltd	CT81	Rated maximum 1000 pF, minimum 250 V, 125 degree C. Y1 capacitor.	FOWX2	UL E145038	
13d.Y- Capacitor(CY1) (Optional) (Alternate)	Nan Jing Yuyue Electronics Co Ltd	CT7	Rated maximum 1000 pF, minimum 250 V, 125 degree C. Y1 capacitor.	FOWX2	UL E237728	
13e.Y- Capacito(CY1) (Optional) (Alternate)	Dongguan Easy- gather Electronic Co., Ltd.	DCF	Rated maximum 1000 pF, minimum 250 V, 125 degree C. Y1 capacitor.	FOWX2	UL E252221	
13f.Y- Capacitor(CY1) (Optional) (Alternate)	Shaanxi HuaxingElectronic Development Co. Ltd.	CT7Y1	Rated maximum 1000 pF, minimum 250 V, 125 degree C. Y1 capacitor.	FOWX2	UL E217400	
13g.Y- Capacitor(CY1) (Optional) (Alternate)	South China Electronic Co.,Ltd.	CY	Rated maximum 1000 pF, minimum 250 V, 125 degree C. Y1 capacitor.	FOWX2	UL E492769	
13h.Y- Capacitor(CY1) (Optional) (Alternate)	WINDAY ELECTRONIC(DON G GUAN) CO., LTD	CD series	Rated maximum 1000 pF, minimum 250 V, 125 degree C. Y1 capacitor.	FOWX2	UL E302125	

14. Transformer (T1)	Dee Van Enterprise Co Ltd	90E10PFL0-xxx ("xxx" to denote the part number, can be any alphanumeric character for marketing purposes only.)	Class B. See Enclosure ID 4-01 for details.	--	--	
14-1. Transformer (T1) insulation system	Dee Van Enterprise Co Ltd	YCI-130	Class 130(B)	OBJY2	UL E159480	
14-2. Transformer - Bobbin	Sumitomo Bakelite Co Ltd	PM-9820	Phenolic, V-0, 150 degree C , Min. thickness 0.71mm	QMFZ2	UL E41429	
14-2a. Transformer – Bobbin (Alternate)	Hitachi Chemical Co Ltd	CP-J-8800	Phenolic, V-0, 150 degree C , Min. thickness 0.71mm	QMFZ2	UL E42956	
14-2b. Transformer – Bobbin (Alternate)	Chang Chun Plastics Co Ltd	T375J	Phenolic, V-0, 150 degree C , Min. thickness 0.71mm	QMFZ2	UL E59481	
14-3. Transformer - Insulation Tape	3m company electrical markets div (EMD)	1350F-1(b), 1350F-2(c)	Rated 130 degree C.	OANZ2	UL E17385	
14-3a. Transformer - Insulation Tape (Alternate)	Symbio Inc	35660(a), 35661(c), 35660Y(e)	Rated 130 degree C.	OANZ2	UL E50292	
14-4 Transformer - Core	--	--	Ferrite, With min. 2 layers of insulation tape wrapped around core body. Ferrite, overall size 17.6 by 17.1 by 6.06 mm.	--	--	
14-5. Transformer Winding	Interchangeable	Interchangeable	MW28 and rated 130 degree C or MW75.	OBMW2	UL	
14-6. Transformer - Triple insulation wire	Young Chang Silicone Co Ltd	STW-B	Rated 130 degree C	OBJT2	UL E242198	

14-7 Transformer – Varnish (optional)	Hitachi Chemical Co Ltd	WP-2952F-2G	Rated 130 degree C.	OBOR2	UL E72979	
14-7a. Transformer – Varnish (optional) (Alternate)	Elantas Electrical Insulation Elantas Pdg Inc	468-2(d)	Rated 130 degree C.	OBOR2	UL E75225	
14a-1. Transformer (T1) insulation system	Dee Van Enterprise Co Ltd	CCP-130	Class 130(B)	OBJY2	UL E159480	
14a-2. Transformer – Bobbin	Hitachi Chemical Co Ltd	CP-J-8800	Phenolic, V-0, 150 degree C , Min. thickness 0.71mm	QMFZ2	UL E42956	
14-2b. Transformer – Bobbin (Alternate)	Sumitomo Bakelite Co Ltd	PM-9820 PM-9630	Phenolic, V-0, 150 degree C , Min. thickness 0.71mm	QMFZ2	UL E41429	
14a-2c. Transformer – Bobbin (Alternate)	Chang Chun Plastics Co Ltd	T220NA, T200HF	Phenolic, V-0, 150 degree C , Min. thickness 0.71mm	QMFZ2	UL E59481	
14a-3. Transformer Winding	Interchangeable	Interchangeable	130 degree C	OBMW2	UL	
14a-4. Transformer - Triple insulation wire	FURUKAWA ELECTRIC CO LTD	TEX-E	Rated 130 degree C	OBJT2	UL E206440	
14a-4a. Transformer - Triple insulation wire (alternate)	DAH JIN TECHNOLOGY CO LTD	TLW-B(xx)(y)@	Rated 130 degree C	OBJT2	UL E236542	
14a-5. Transformer - Insulation Tape	3m company electrical markets div (EMD)	1350F-1(b), 1350F-2(c)	Rated 130 degree C.	OANZ2	UL E17385	
14a-5a. Transformer - Insulation Tape (Alternate)	Symbio Inc	35660(a), 35661(c), 35660Y(e)	Rated 130 degree C.	OANZ2	UL E50292	

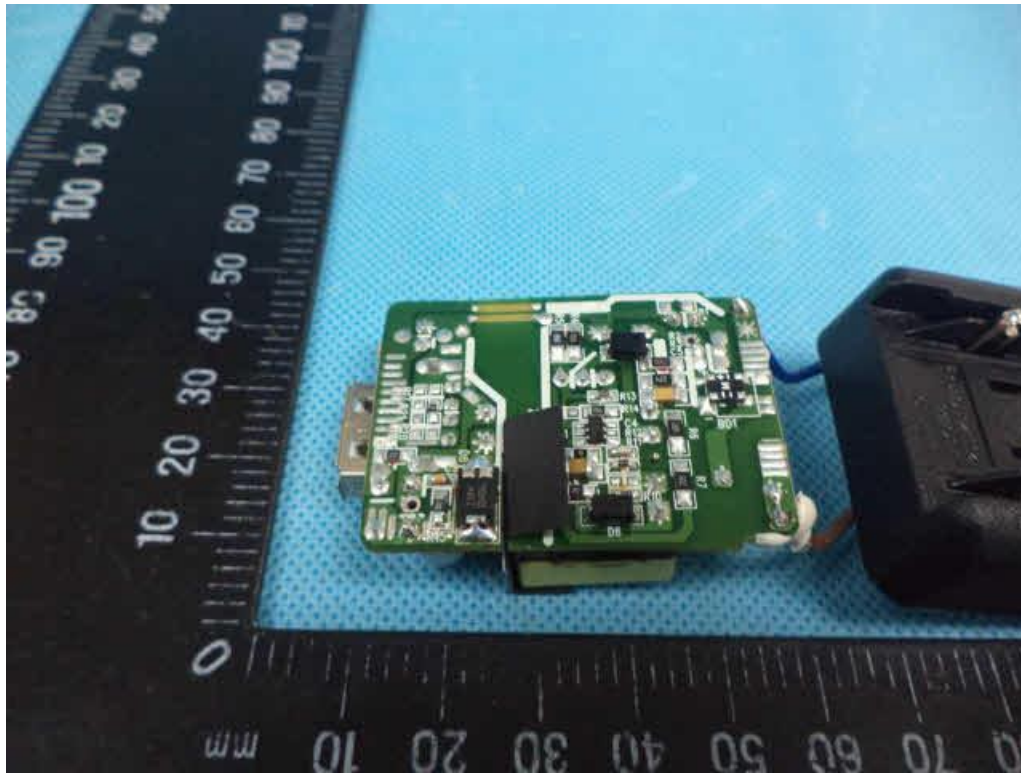
14a-6 Transformer - Core	--	--	Ferrite, With min. 2 layers of insulation tape wrapped around core body. Ferrite, overall size 17.6 by 17.1 by 6.06 mm.	--	--	
14a-7 Transformer – Varnish	Hitachi Chemical Co Ltd	WP-2952F-2G	Rated 130 degree C.	OBOR2	UL E72979	
14a-7a. Transformer – Varnish (Alternate)	Elantas Electrical Insulation Elantas Pdg Inc	468-2(d)	Rated 130 degree C.	OBOR2	UL E75225	
15. Current Sense Resistor (R4, R5)	--	--	1.4ohm minimum, 1/4W minimum	--	--	
16.Silicone glue	Interchangeable	Interchangeable	V-2 minimum or HF-2 minimum	QMFZ2	UL	
17.Label	Interchangeable	Interchangeable	55 degree C minimum, suitable for its application surface. All marking labels should be provided by authorized suppliers.	PGDQ2 or PGJI2	UL	
17a. Permanency of Marking (Alternate)	--	--	Permanently ink-stamped, silk-screened, molded in, or on self-adhesive labels.	--	--	
18. Input blade	--	--	Copper or Copper Alloy, non-polarized (NEMA 1-15P configuration). Integrally melded onto Plug Holder, perimeter of face section from which Blade projection minimum 5.1 mm from any point on edge. See Enclosure ID 7-05 for details.	--	--	

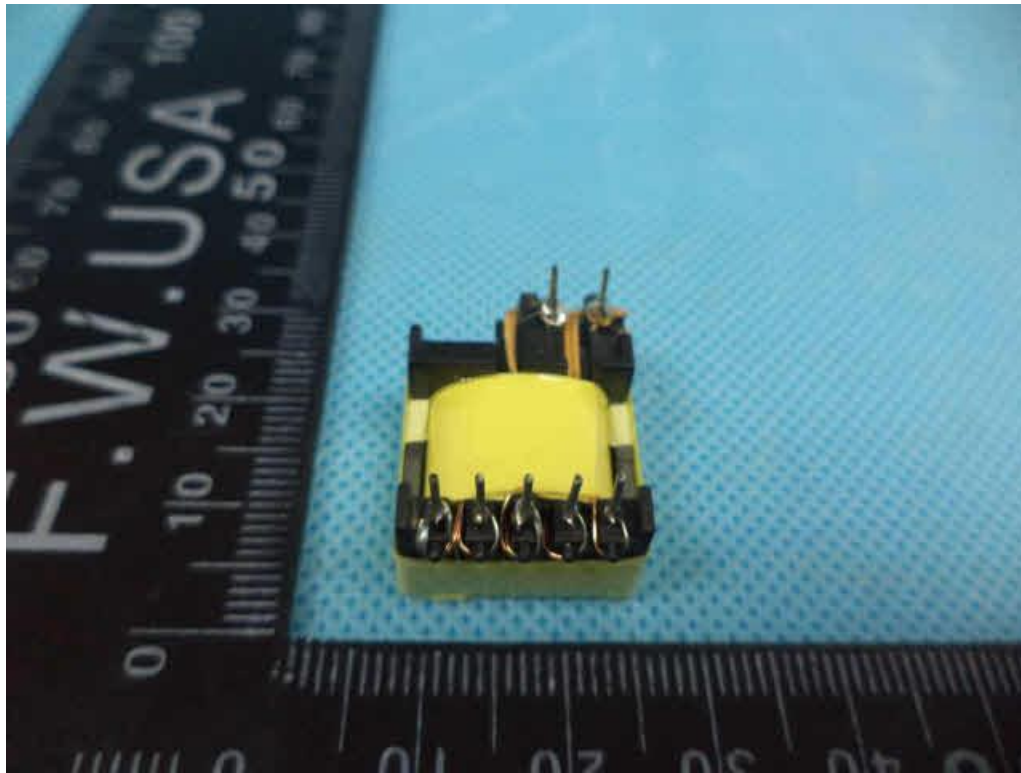
Enclosures

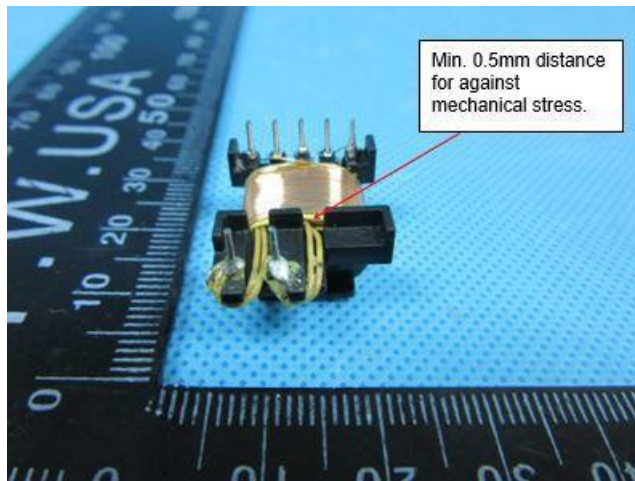
Type	Supplement Id	Description
Photographs	03-01	Overall View 1
Photographs	03-02	Overall View 2
Photographs	03-03	PWB Component Side View
Photographs	03-04	PWB Trace Side View
Photographs	03-05	Transformer View 1
Photographs	03-06	Transformer View 2
Photographs	03-07	Transformer View 3
Diagrams	04-01	Transformer T1 Specification
Diagrams	04-02	Line Choke L1 Specification
Schematics + PWB	05-01	PCB Layout
Miscellaneous	07-01	Model List
Miscellaneous	07-02	Enclosure Dimension
Miscellaneous	07-03	Insulation sheet (under PCB)
Miscellaneous	07-04	Insulation sheet between primary and secondary
Miscellaneous	07-05	Plug (unit: mm)

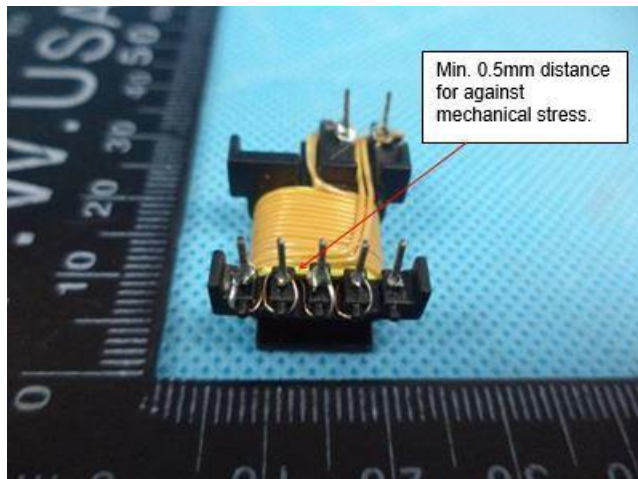




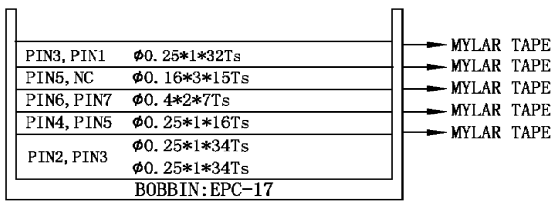
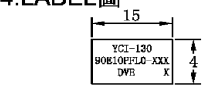
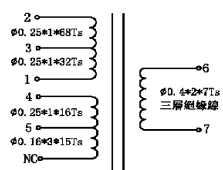
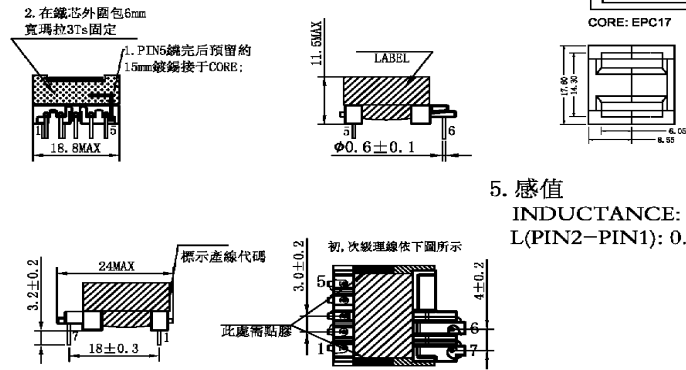








YCI-130:

DEE VAN ENTERPRISE CO., LTD.				REV.	ZONE	DESCRIPTION	DATE	BY	
MODEL		DSA-10PFL		PAGE 1 OF 2		Notes: 禁止用VE所禁用之危害.			
1. 繞線順序圖  <p>PIN3, PIN1 $\phi 0.25 \times 1 \times 32Ts$ → MYLAR TAPE PIN5, NC $\phi 0.16 \times 3 \times 15Ts$ → MYLAR TAPE PIN6, PIN7 $\phi 0.4 \times 2 \times 7Ts$ → MYLAR TAPE PIN4, PIN5 $\phi 0.25 \times 1 \times 16Ts$ → MYLAR TAPE PIN2, PIN3 $\phi 0.25 \times 1 \times 34Ts$ → MYLAR TAPE BOBBIN: EPC-17</p>				4. LABEL圖  <p>"XXX" to denote the part number, can be any alphanumeric character for marketing purposes only. The transformer can not appear the phenomenon of crossing between the primary winding and secondary winding.</p>					
2. 原理圖 				5. 感值 INDUCTANCE: AT 50KHz 1V L(PIN2-PIN1): 0.5mH Min					
3. 三視圖 									
CHECKED LIST		繞線順序		生產工藝		原理圖		三視圖	
APPROVED		SAFETY		UNIT		CHECKED		DWG BY	
A		B		C		D		E	
F		G		H		I		J	

CCP-130:

DEE VAN ENTERPRISE CO., LTD				REV	ZONE	DESCRIPTION	DATE	BY
							20.04.05	Lijy
MODEL		DSA-10PFL-05		PAGE 1 OF 2		Notes: 1. 2. 3. 4. 5. 6. 7. 8. 9. 10.		

1. 線圈順序圖

PIN3 → PIN1	Ø0.25*1*32Ts	→ NYLAR TAPE 2Ts
PIN5 → NC	Ø0.16*2*15Ts	→ NYLAR TAPE 2Ts
PIN6 → PIN7	Ø0.4*2*7Ts	→ NYLAR TAPE 3Ts
PIN4 → PIN5	Ø0.25*1*15Ts	→ NYLAR TAPE 3Ts
PIN2 → PIN3	Ø0.25*1*34Ts	→ NYLAR TAPE 2Ts
BOBBIN: EPC-17		

2. LABEL

"XXX" is to denote the part number, can be any alphanumeric character for marking purpose only.
The transformer can not appear the phenomenon of moving between the primary winding and secondary winding.

3. 線圈圖

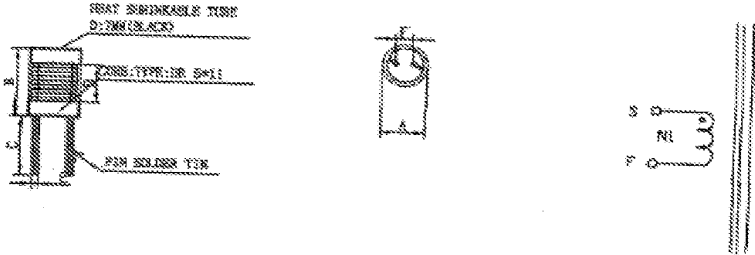
3. 三視圖

5. 標值

INDUCTANCE: AT 50KHz 1V
L(PIN2-PIN1): 0.5mH Min

CHECKED LIST	DATE	BY	DATE	BY	DATE	BY	DATE	BY

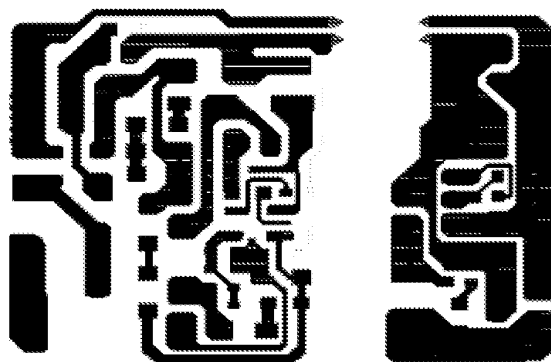
PART NAME				PART NO.	
TRANSFORMER				90E10PFL0-00H	
DRAWING NO.					

CUSTOMER		帝闻		CUSTOMER'S P/N		30D001225-00H		REV	
ISSUE DATE		JUN-22-2012		OUR P/N		WY-TR000-001H			
1. DIMENSION:									
									
<p>NOTE: " " START OF WINDING</p>									
NO.	WIRE SIZE	START	END	TURNS	LAYER	INSULATION	TEFLON	NOTE	
N1	6.280P	S	F	225TS			✓		
REPORTED BY		张进荣		CHECKED BY		张进荣		APPROVED BY	
								[Signature]	

SHEET 4 TO 8

CUSTOMER		帝闻		CUSTOMER'S P/N		30D001225-00H	
ISSUE DATE		JUN-22-2012		OUR P/N		WY-TR000-001H	
4. MATERIAL:							
NO	ITEM	SIZE	MATERIAL	RATING	MANUFACTURED	UL FILE NO	
1	CORE	5x11	LK38		LIAN DA CO.,		
2	WIRE	0.12mm	POLYURETHANE ENAMELED WIRE(NEW TYPE2)	130 v	XINYANG CO., OR EQUIV	E225143	
3	TUBE	mm		130 v	ZHUYOU CO.,		
备注: 以上为本公司送贵司承认样品之用料清单, 后续交货品亦保证依此用料.							
制表:		李中彦		审核:		王峰	
				核准:		王峰	

SHEET 6 TO 8



Model list:
DSA-10PFP-05 xy

No	MODEL	INPUT	OUTPUT		
		V, A	V dc	Max. A	Max. W
1	DSA-10PFP-05 xy	100-240Vac, 0.3A	5.0~5.5	2.0	11.0

Note:

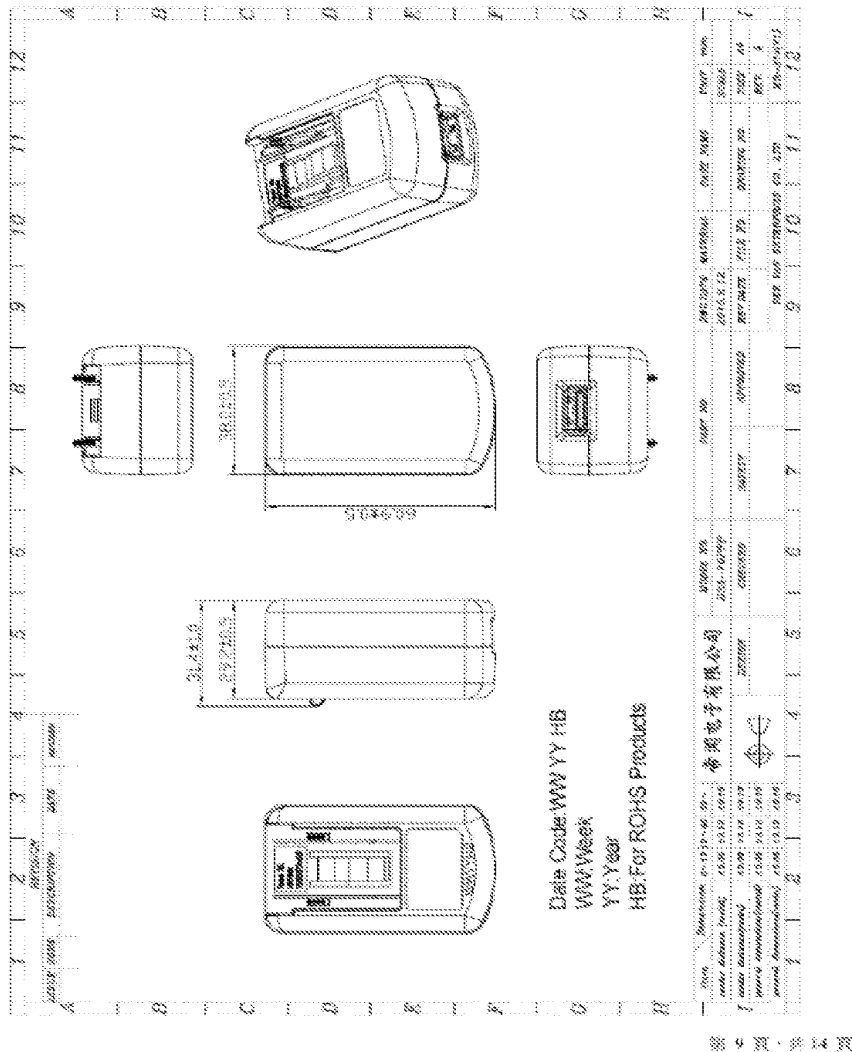
'x' is 3 digit number which represents the output voltage. 055 represents the output voltage is 5.5V.

'y' is 3 digit number which represents the output current. 200 represents the output current is 2.00A.

DVE 帝聞企業股份有限公司 DEE VAN ENTERPRISE CO., LTD.
 SP-244527-S1 DSA-10PFP-05 050200 Revision: B Date: 2015.07.23

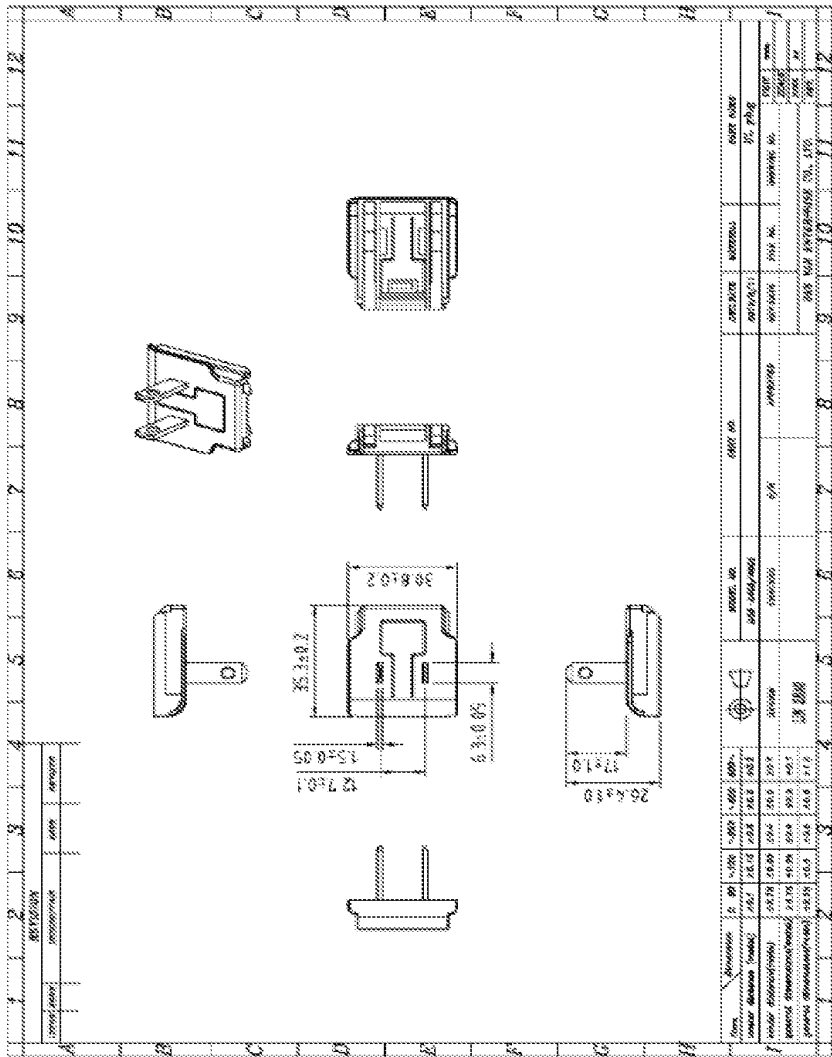
3. PRODUCT OUTLINE DRAWING

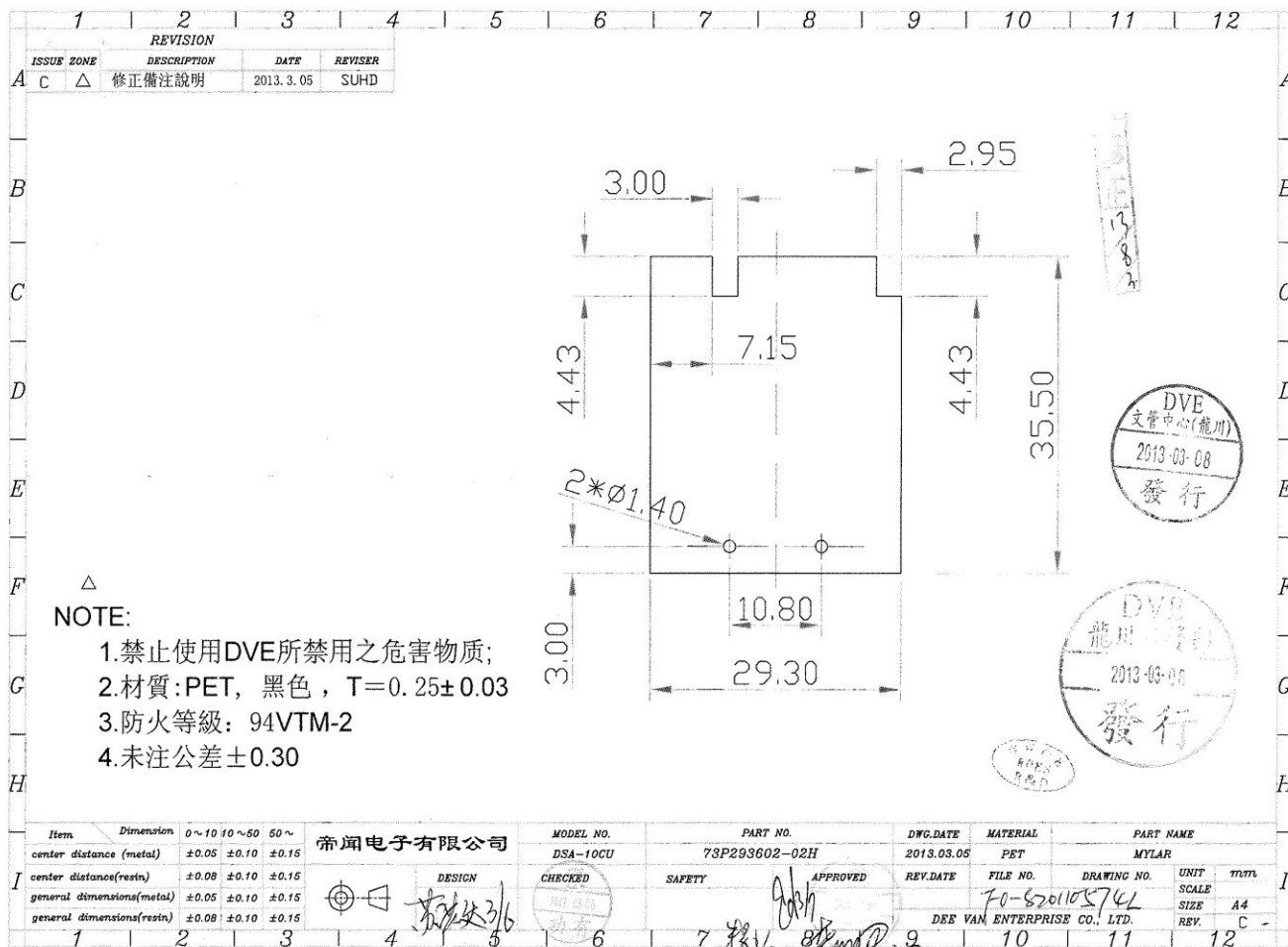
- 1 / 5



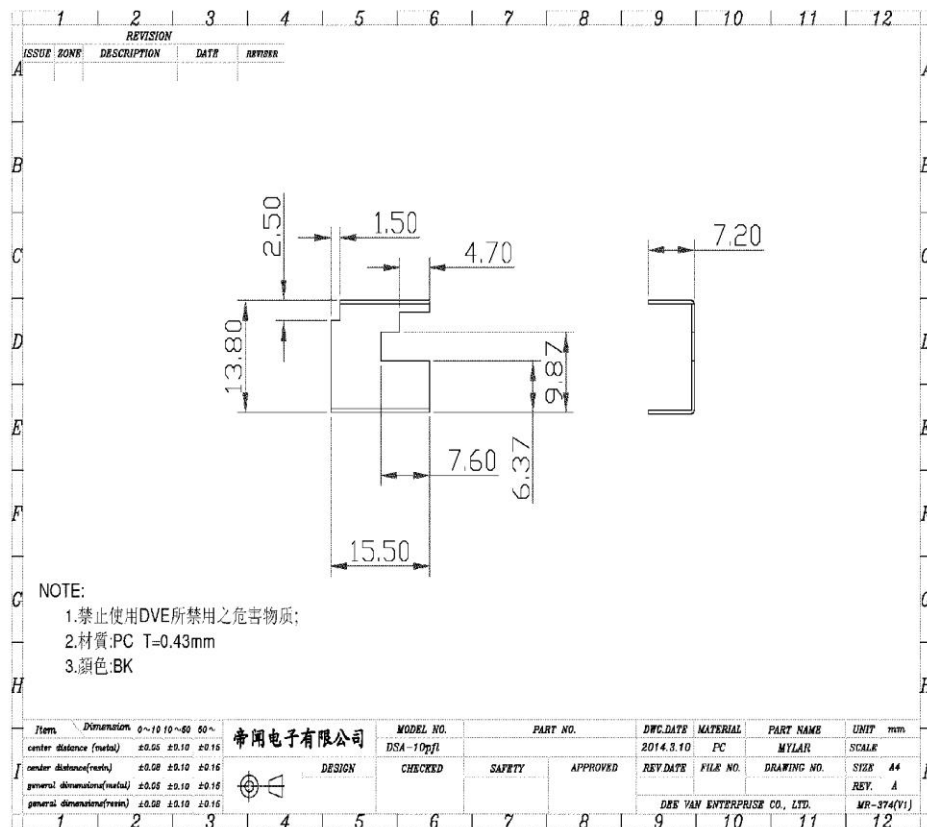
DVE 帝聞企業股份有限公司 DEE VAN ENTERPRISE CO., LTD.
SP-244527-S1 DSA-10PFP-05 050200 Revision:B Date: 2015.07.23

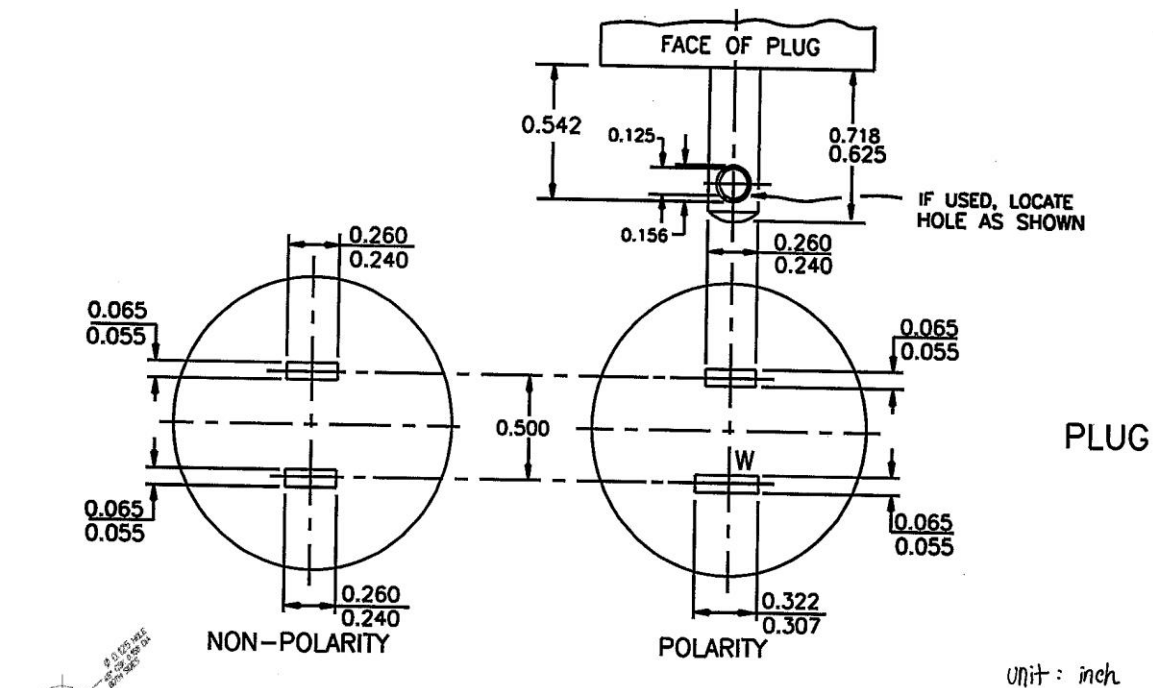
3. PRODUCT OUTLINE DRAWING - 2 / 5





File E135856 Vol. X2 Sec. A144 MIS-02 Issued: 2014-09-10





NOTES:

- 1- HOLE IN FLAT BLADE IS OPTIONAL, AND IT IS INTENDED FOR MANUFACTURING PURPOSES ONLY. HOWEVER IF USED IT MUST BE LOCATED AS PER DIMENSIONS SHOWN ABOVE.

Test Record No. 1

-- The manufacturer submitted representative production samples of Switching Adapter, model DSA-10PFP-05 xy for examination and test.

--No tests were considered necessary based upon previous evaluation under CB Scheme. The CB Scheme Test Report Ref. No. ESTS-P20031301, dated 2020-04-09 and Certificate No. DK-95748-UL, dated 2020-04-14 were prepared by UL(Demko), Borupvang 5A DK-2750 Ballerup, DENMARK.

-- Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL.

The following tests were conducted:

Tests performed (name of test and test clause): None	Testing location: None
The following tests were waived: None	Rationale for Waiving

Test results are valid only for the tested equipment. These tests are considered representative of the products covered by this Test Report. The test methods and results of the above tests have been reviewed and found to be in accordance with the requirements in the Standard(s) referenced at the beginning of this Test Report.

The following supplements are provided as part of this Test Record. NOTE: These supplements are only available to the Applicant via the myUL™ Client Portal.

Type	Supplement Id	Description
Attachment	02-01	CRD