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HUANG SHAN RD  
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TAIPEI  
114 TAIWAN

Date: 2007/05/02  
Subscriber: 100118124  
PartySite: 1009050  
File No: E300818  
Project No: 06CA59980  
PD No: 07M25918  
Type: R  
PO Number: FENG, SERINA MS.

Subject: Initial Production Inspection

**PLEASE NOTE: YOUR MANUFACTURING REPRESENTATIVE IS NOT AUTHORIZED TO SHIP ANY PRODUCTS BEARING ANY UL MARKS UNTIL THE INITIAL PRODUCTION INSPECTION HAS BEEN SUCCESSFULLY CONDUCTED BY THE UL FIELD REPRESENTATIVE.**

An Initial Production Inspection (IPI) is an inspection that must be conducted prior to the first shipment of products bearing the UL Mark. This is to ensure that products being manufactured are in accordance with UL's requirements including the Follow-Up Service Procedure. After the UL Representative has verified compliance of your product(s), authorization will be granted for shipment of product(s) bearing the appropriate UL Marks as denoted in the Procedure.

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.

Please review this material and report any inaccuracies to our Customer Service Professional, PHONE: 1-877-ULHELPS (1-877-854-3577), FAX: 1-847-407-1395, E-MAIL: customerservice.nbk@us.ul.com, referring to the above Project and/or PD Numbers.

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NBK File



ADDENDUM TO TRANSMITTAL LETTER

VP Engineering  
HOLY STONE ENTERPRISE CO LTD  
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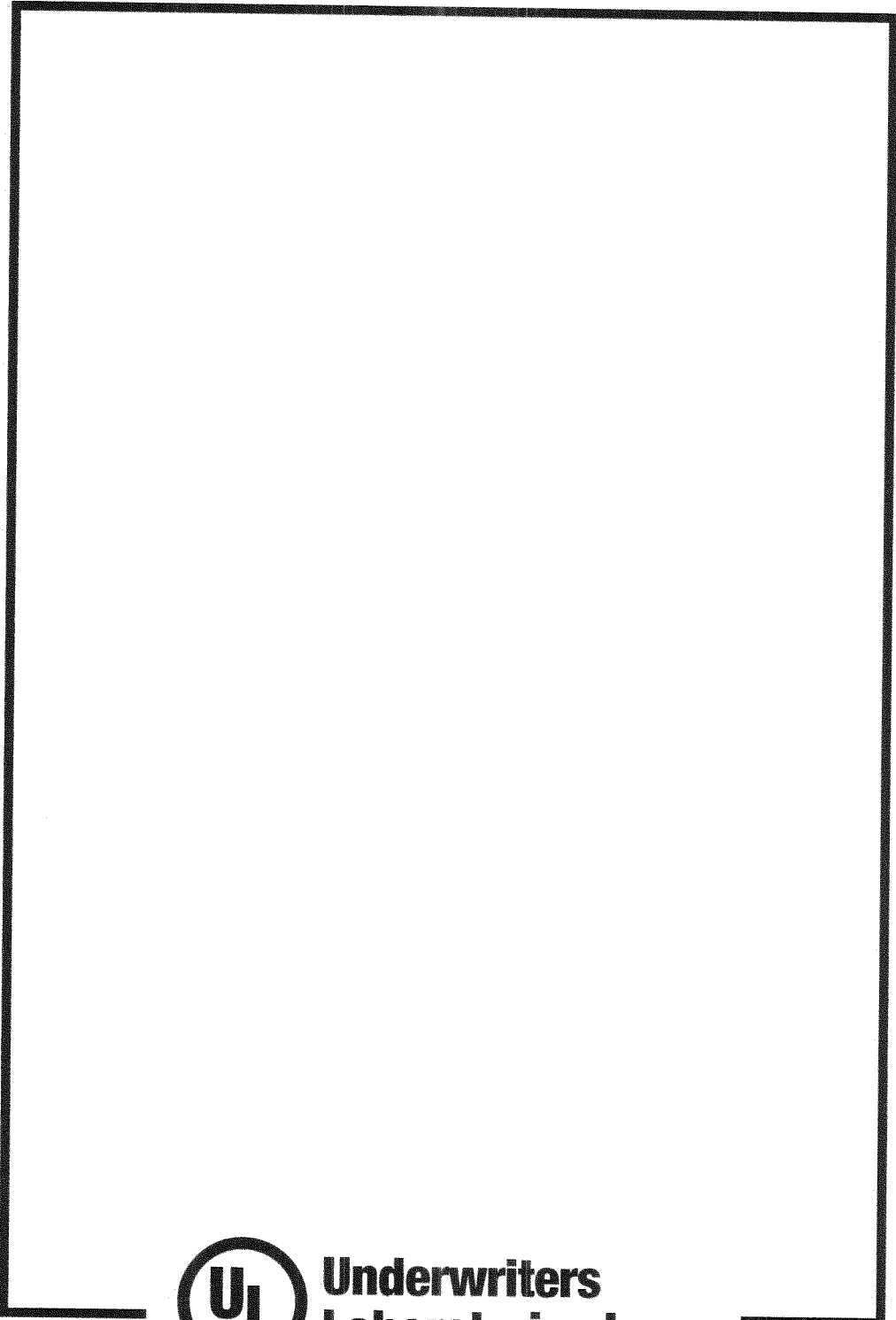
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The following material resulting from the investigation under the above numbers is enclosed.

**Issue**

<u>Date</u>	<u>Vol</u>	<u>Sec</u>	<u>Pages</u>	<u>Revised Date</u>
2007/05/02	1	1	Add New Volume	



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## Follow-Up Service Procedure

### DO NOT DISCARD THIS PAGE

**It is important to keep Procedures and Test Reports up-to-date as new or revised pages are received.** Correct maintenance will decrease the amount of time the UL Representative spends when visiting your facility. Refer to the **HOW TO UPDATE** column below for instructions.

PAGE	FUNCTION	HOW TO UPDATE
<b>Authorization Page</b>	Authorizes the appropriate type of Follow-Up Service (L or R). Contains the names and addresses of the Applicant, Listee (Recognized or Classified Company) and Manufacturer and the corporate Identifier number assigned by UL to each entity, as well as the name of the UL product category title.	Replace present page by matching the UL File Number, Volume Number and most current "Issued" or "Revised" date.
<b>Addendum to Authorization Page*</b>	Lists the names, addresses and UL identifier numbers of all manufacturing locations when multiple locations exist	Replace, add or delete page by matching the UL File Number, Volume Number and most current "Issued" or "Revised" date.
<b>Listing Mark Data (LMD) Page, Classification Mark Data (CMD) Page or Recognized Component Marking Data (RCMD) Page*</b>	Used only for products covered under Type R service as shown on the Authorization Page. Use to determine the correct Listing/Classification/Recognized Component Mark(ing). For Listed and Classified categories the assigned control number is included, which is part of the required marking. Also includes additional information regarding minimum size, application, procurement, and any other optional markings, as well as the appropriate UL Mark.	Replace present page with most current "Issued" or "Revised" date.
<b>Multiple Listing (ML) Correlation Sheet*</b>	Correlates product model numbers between those products made by a Manufacturer for the Basic Applicant and those supplied to another company, the Multiple Listee.	Replace, add or delete page(s) with most current "Issued" or "Revised" date.
<b>Index*</b>	Catalogs the contents of the Procedure by some logical means, i.e. Section Number or Issue Date.	Replace present page by matching the UL File Number, Volume Number, Page Number and most current "Revised" date.
<b>Appendices* (App.)</b>	Contains instructions for the Manufacturer and UL Representative concerning specific responsibilities and required periodic tests. May also outline tests to be conducted on samples to be forwarded to UL's facilities.	Replace present page by matching the UL File Number, Volume Number, Appendix letter (eg. App.A), Page Number and most current "Revised" date.
	Standardized Appendix Pages are the same for all manufacturers within a particular product category.	Replace present page by matching the Appendix letter (eg. App.A), Page Number and most current "Revised" date.
<b>Follow-Up Inspection Instructions (FUII) Pages*</b>	Contains information similar to that in the Appendices. FUII Pages are issued as part of the Procedure when a UL Standard is used in conjunction with the Procedure, and are the same for all manufacturers within a particular category.	Replace present pages by matching the Page Number and most current "Issued" or "Revised" date.
<b>Section General* (Sec. Gen.)</b>	Contains description, requirements, identifications and/or specifications that are common to all products covered by the entire volume and supplements the information provided in the Description Section.	Replace present page by matching the UL File Number, Volume Number, Page Number and most current "Revised" date.
<b>Description Section* (Sec.)</b>	Contains the specific description of one or more products or systems. This includes written text supplemented by photographs, drawings, etc., as necessary, to define features that affect compliance with the applicable requirements.	Replace present page by matching the UL File Number, Volume Number, Section Number, Page Number and most current "Issued" date.

The above page(s) may not appear in all UL Follow-Up Service Procedures. Their inclusion is determined by UL's Conformity Assessment Services staff.

**PLEASE NOTIFY YOUR LOCAL UL OFFICE OF ANY CHANGES IN CONTACT NAME, COMPANY NAME OR ADDRESS SO THAT MATERIAL AND IMPORTANT INFORMATION CONTINUES WITHOUT INTERRUPTION TO YOUR FACILITY.**

FOLLOW-UP SERVICE PROCEDURE  
(TYPE R)COMPONENT - ACROSS-THE-LINE CAPACITORS, ANTENNA-COUPLING AND  
LINE-BYPASS COMPONENTS  
(FOWX2, FOWX8)

Manufacturer: HOLY STONE ENTERPRISE CO LTD  
(100118-121) 1219 YUNLI RD  
YUNDONG DEVELOP ZONE  
WUJIAN CITY  
SUZHOU,  
JIANGSU 215000 CHINA

Applicant: HOLY STONE ENTERPRISE CO LTD  
(100118-124) 1ST FL, # 62 SEC 2  
HUANG SHAN RD  
NEI HU DIST  
TAIPEI  
114 TAIWAN

Recognized Company: SAME AS APPLICANT  
(100118-124)

This Procedure authorizes the above manufacturer to use the marking specified by Underwriters Laboratories Inc. (UL), or any authorized licensee of UL, only on products covered by this Procedure, in accordance with the applicable UL Services Agreement.

The prescribed Mark or Marking shall be used only at the above manufacturing location on such products which comply with this Procedure and any other applicable requirements.

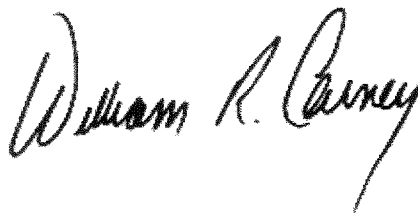
The Procedure contains information for the use of the above named Manufacturer and representatives of Underwriters Laboratories Inc. and is not to be used for any other purpose. It is lent to the Manufacturer with the understanding that it is not to be copied, either wholly or in part, and that it will be returned to Underwriters Laboratories Inc. (UL) or any authorized licensee of UL, upon request.

This PROCEDURE, and any subsequent revision, is the property of Underwriters Laboratories Inc. (UL) and the authorized licensee of UL and is not transferable.

Underwriters Laboratories Inc.



Stephen Hewson  
Senior Vice President  
Global Follow-Up Service Operations



William R. Carney  
Director  
North American Certification Program



Recognized Component Marking Data Page (RCMDP)

(FILE IMMEDIATELY AFTER AUTHORIZATION PAGE)

RECOGNIZED COMPONENT MARKING

Products Recognized under UL's Component Recognition Service are identified by marking elements consisting of:

1. The Recognized Company's identification specified in this document.
2. A catalog, model or other applicable product designation specified in the descriptive sections of this document.
3. The UL Recognized Component Mark shown below is optional unless required elsewhere in the Procedure.

Only those components, which actually bear the Marking, should be considered as being covered under the Recognition Program. The UL Listing or Classification Mark is not authorized for use on or in connection with Recognized Components.

Recognized Component Mark



Minimum size of the Recognized Component Mark is not specified as long as it is legible. Minimum height of the registered symbol ® shall be 3/64 inch but may be omitted if it is out of proportion to the Recognized Component Mark or not legible to the naked eye.

The manufacturer may reproduce the Mark electronically. Any decision regarding the acceptability of the manufacturer's Mark reproduction will be made at the Reviewing Office.

Recognized Component Marking Data Page (RCMDP)

(FILE IMMEDIATELY AFTER AUTHORIZATION PAGE)

RECOGNIZED COMPONENT MARKING

Products Recognized under UL's Component Recognition Service are identified by marking elements consisting of:

1. The Recognized Company's identification specified in this document.
2. A catalog, model or other applicable product designation specified in the descriptive sections of this document.
3. The UL Recognized Component Mark shown below:
  - (A) Recognized only to Canadian safety requirements, or;
  - (B) Recognized to both U.S. and Canadian safety requirements.

Only those components, which actually bear the Marking, should be considered as being covered under the Recognition Program. The UL Listing or Classification Mark is not authorized for use on or in connection with Recognized Components.

Recognized Component Mark

(A)



(B)



Minimum size of the Recognized Component Mark is not specified as long as it is legible. Minimum height of the registered symbol ® shall be 3/64 inch but may be omitted if it is out of proportion to the Recognized Component Mark or not legible to the naked eye.

The manufacturer may reproduce the Mark electronically. Any decision regarding the acceptability of the manufacturer's Mark reproduction will be made at the Reviewing Office.

## SPECIAL INSTRUCTIONS

## UL REPRESENTATIVE:

## GENERAL

## SAMPLES FOR NORTHBROOK OFFICE:

Once (twice or four times or other frequency, as appropriate) each year, select the following samples or stock from production (produced within the last year), mark with the appropriate identification including group number, and forward to Conformity Assessment Services at Northbrook. Where more than one type designation is identified for a group, any one type may be selected.

The rating of the samples should be as indicated. If samples with the indicated rating are not available, samples with a rating as close as possible to the indicated rating should be provided.

	Group Suffix Number										
	1	2	3	4	5	6	7	8	9	10	11
Number of Samples:	25	25	65	90	25	25	65	90	25	25	25

Type Designation	Group Suffix	Rating
SDC	A-1H	2 pF
SDC	A-2H	10000 pF
SDC	A-4H	10000 pF
SDC	A-3H	4700 pF

## CONFORMITY ASSESSMENT SERVICES:

## TESTS CONDUCTED BY UL

Conduct applicable tests outlined in UL 1414 as indicated below on samples of each group received from the Field Representative. Samples of each group not used for the initial test program should be held in reserve for possible additional tests as noted in the Standard.

Group Suffix Number	Test Required
1	Line-bypass Discharge
2	Line-bypass Life
3 and 4	Across-The-Line Discharge (As Received)
4	Across-The-Line Life
5	Double Protection Antenna-Coupling Discharge
6	Double Protection Antenna-Coupling Life
7 and 8	Double Protection Across-The-Line Discharge (As Received)
8	Double Protection Across-The-Line Life
9	X1 Impulse/Endurance
10	Y1 Impulse/Endurance
11	Y2 Impulse/Endurance

## SUFFIX LETTER EXPLANATIONS

Groups may be provided with one or more suffix letters. These letters reflect test voltages and/or additional tests as noted below:

Suffix Letter	
A	Supply source - 125 V ac; Life test potential - 220/440 Dielectric Potential 1000 V
B	Supply source - 250 V ac; Life test potential - 440/880 Dielectric potential 1000 V
C	Leads-To-Enclosure Dielectric Potential - 1000 V (Double Protection Option Only)
D	Enclosure Flame Test
E	Supply source - 125 V ac; Life test potential 125/125
F	Supply source - 250 V ac; Life test potential 250/250
G	Supply source - 125 V ac; Life test potential - 220/440 Dielectric potential 1500 V
H	Supply source - 250 V ac; Life test potential - 440/880 Dielectric potential 1500 V
I	Impulse test potential - 4 kV dc; Endurance test potential 313/1000 V rms (X1)
J	Impulse test potential - 8 kV dc; Endurance test potential 213/1000 V rms (Y1 at 125V)
K	Impulse test potential - 8 kV dc; Endurance test potential 425/1000 V rms (Y1 at 250V)
L	Impulse test potential - 5 kV dc; Endurance test potential 425/1000 V rms (Y2)

## PROCEDURE IN CASE OF FAILURE

Individual groups should be considered acceptable or unacceptable in accordance with the Standard.

## Acceptability of Group

If a group containing a suffix number 1 or 2 is found unacceptable, all antenna-coupling and line-bypass capacitors having that same first group letter are considered unacceptable.

If a group containing a suffix number 3 or 4 is found unacceptable, all across-the-line and antenna-coupling capacitors having the same first group letter are considered unacceptable.

If a group containing a suffix number 5, 6, 7 or 8 is found unacceptable, all double-protection capacitors having the same first group letter are considered unacceptable.

If a group containing a suffix letter D is found unacceptable, all capacitors having the same first group letter are considered unacceptable.

If a group containing a suffix number 9 is found unacceptable, all Class X1 capacitors having that same first group letter are considered unacceptable.

If a group containing a suffix number 10 is found unacceptable, all Class Y1 capacitors having that same first group letter are considered unacceptable.

If a group containing a suffix number 11 is found unacceptable, all Class Y2 capacitors having that same first group letter are considered unacceptable.

## INSTRUCTIONS FOR TESTS AND/OR INSPECTION AT THE FACTORY

## FIELD REPRESENTATIVE:

The manufacturer is required to have the test equipment specified below. During the regular visits to the factory, determine that the equipment is functioning properly, and that the manufacturer is 1) performing the dielectric withstand test on 100 percent of production and 2) measuring the capacitance on 100 percent of production for double-protection capacitors.

Review the manufacturer's records to assure that the tests are being conducted and appropriate action is taken with respect to failures and rejections.

## RESPONSIBILITY OF THE MANUFACTURER:

General - One hundred percent of production of each capacitor covered by this Procedure shall be subjected to the dielectric withstand test. Also, the capacitance of one hundred percent of production of each double-protection capacitor covered by this Procedure shall be measured. It shall also be the responsibility of the manufacturer to determine that the test equipment is functioning properly, and to have the test equipment calibrated at regular intervals, not less than once annually.

## MANUFACTURER'S TEST EQUIPMENT:

As a minimum, the dielectric test equipment used by the manufacturer shall incorporate the following features.

1. A 500 VA minimum rated output transformer, or, the transformer may be constructed with a suitable voltmeter located across the output terminals to directly measure the applied output potential.
2. A visible indication (to the operator) of the application of the test voltage (voltmeter, lamp, etc.).
3. A visible or audible indication (readily visible to the operator during the application of the test potential) to indicate a dielectric breakdown.
4. A manual external reset switch which must be operated following a breakdown, or, provision to automatically reject the failed unit.

## TEST TO BE CONDUCTED:

## PRODUCTION-LINE DIELECTRIC VOLTAGE WITHSTAND TEST

## GENERAL:

Except as may be noted under Exceptions included in Appendix B, the manufacturer shall subject 100 percent of production of all products to a routine Production-Line Dielectric Voltage-Withstand Test in accordance with the following.

## All Components Except Double-Protection Capacitors

AC Potential - Method - Apply a 40-70 Hz, essentially sinusoidal potential across each pair of capacitor leads. The combination of potential and duration shall be not greater than Curve A and not less than Curve B. See ILL. 1 for curves.

DC Potential - Method for Wound Capacitors - In lieu of either AC potential method, the manufacturer may apply a 2000 V dc potential for 1 s.

DC Potential - Method for Ceramic Capacitors - In lieu of either AC potential method, the manufacturer may apply a DC potential provided that it is not greater than twice the value of Curve A and not less than twice the value of Curve B. See ILL. 1 for curves.

## All Double-Protection Capacitors

Apply a 2500 V, 40-70 Hz, essentially sinusoidal potential for 1 s, across each pair of capacitor leads.

## Basis for Acceptability

Each capacitor shall withstand the applied potential without breakdown for the required time duration.

## CAPACITY MEASUREMENT FOR DOUBLE-PROTECTION CAPACITORS

Following the above dielectric withstand test, the capacitance of each double-protection capacitor is to be measured.

## Basis for Acceptability

The measured capacitance of each capacitor shall be within the capacitance range, allowing for tolerance, marked on the capacitor.

## MANUFACTURER'S RECORDS:

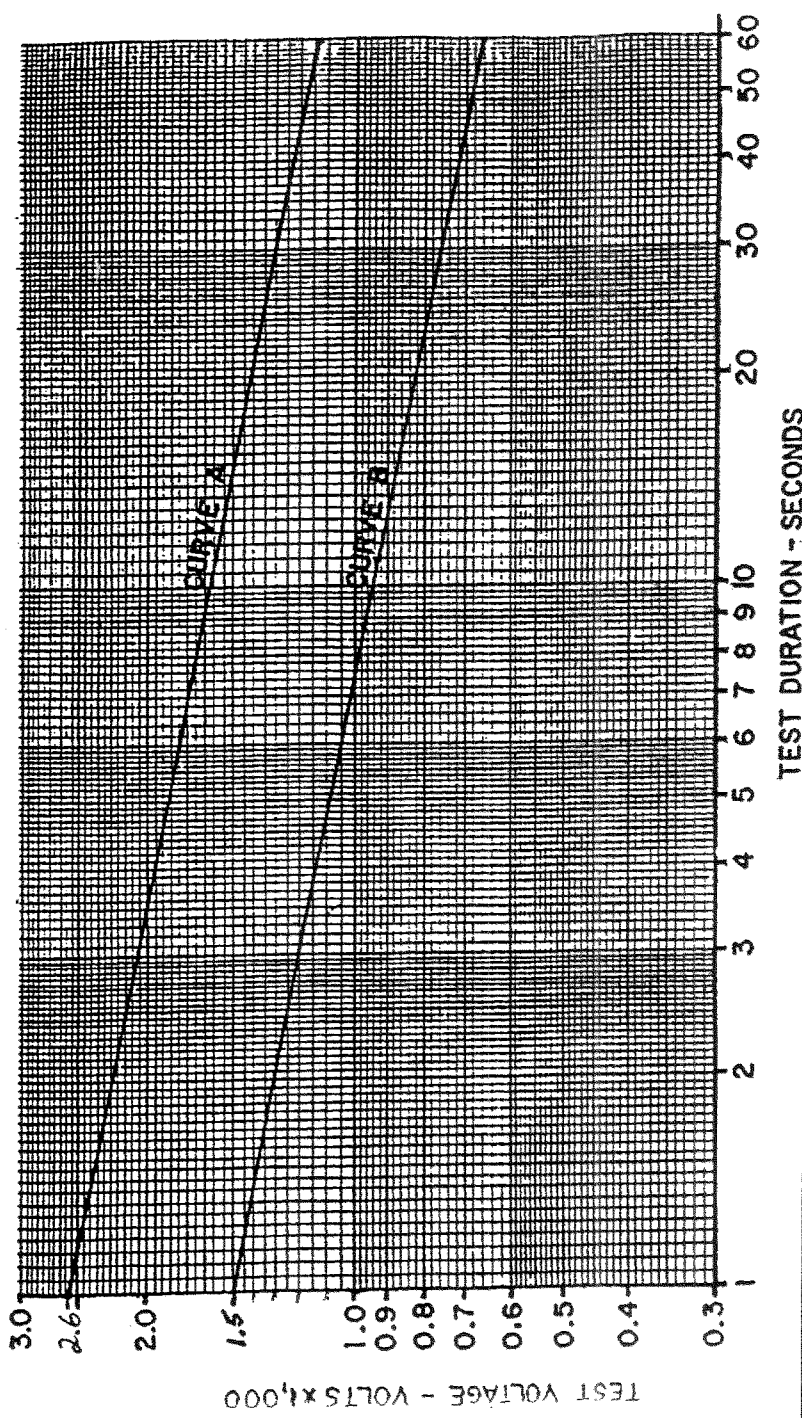
The manufacturer shall keep records of the test performance and corrective action taken on rejection. These records shall be readily available to the Field Representative.

## EXCEPTIONS:

The following capacitors have been tested at UL and the following test potentials may be applied for the duration indicated during the Production-Line Dielectric Voltage Withstand Test.

Type Designation	*Maximum Test Potential and Maximum Duration+

+ - Duration may consist of several applications of the test potential. The last piece of equipment providing the dielectric test potential must be able to indicate dielectric breakdown.



File E300818  
Project 06CA59980

May 2, 2007

REPORT

on

COMPONENT - ACROSS-THE-LINE, ANTENNA-COUPLING, AND LINE-BY-PASS CAPACITORS  
FOR RADIO- AND TELEVISION-TYPE APPLIANCES

Holy Stone Enterprise Co., Ltd.  
Taipei, Taiwan

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## DESCRIPTION

PRODUCT COVERED:

USR-, CNR- Component - Antenna-Coupling Capacitors, Type SDC.

## ABBREVIATIONS:

USR - United States Standard - Recognized, indicates investigation to UL 1414, Fifth Edition, with revisions up to and including July 13, 1998.

CNR - Canadian National Standard - Recognized, indicates investigation to CSA C22.2, No. 1-04, Eleventh Edition, with revisions up to and including August, 2004.

ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE USE):

The capacitors covered by this Report are intended for connection directly across a supply circuit and/or for use as 1) A capacitor for connection between a part involving shock hazard and a terminal provided for the connection of an external antenna, or 2) A capacitor for connection between a part involving shock hazard and exposed dead-metal.

Conditions of Acceptability:

1. These components have been investigated and are intended for use in radio and television receiving appliances and similar equipment, where the acceptability of the combination is determined by Underwriters Laboratories, Inc.

2. The components' enclosure has been subjected to a 1 min, 60 Hz, 1500 V dielectric voltage withstand test and is a suitable insulator in radio and television receiving appliances and similar equipment without further investigation.

3. These components are intended for use in 60 Hz circuits up to a nominal 250 V.

CONSTRUCTION DETAILS:

The product shall be constructed in accordance with the following description:

<u>Type Designation</u>	<u>Capacitance uuF</u>	<u>Nominal Dielectric Constant</u>	<u>Minimum Dielectric Thickness, mm</u>	<u>Minimum Dielectric / Diameter, mm</u>
SDC	2.0	40 (NPO)	1.5	2.8
SDC	3.0	40	1.5	2.8
SDC	5.0	40	1.5	2.8
SDC	8.0	40	1.5	2.8
SDC	10.0	40	1.5	2.8

CONSTRUCTION DETAILS (CONT'D):

The product shall be constructed in accordance with the following description:

<u>Type Designation</u>	<u>Capacitance pF</u>	<u>Nominal Dielectric Constant</u>	<u>Minimum Dielectric Thickness, mm</u>	<u>Minimum Dielectric Diameter, mm</u>
SDC	8	250 (SL)	1.1	3.25
SDC	10	250	1.1	3.25
SDC	15	250	1.1	3.25
SDC	22	250	1.1	3.25
SDC	33	250	1.1	3.25
SDC	39	250	1.1	3.25
SDC	47	250	1.1	3.25
SDC	68	250	1.1	3.25

CONSTRUCTION DETAILS (CONT'D):

The product shall be constructed in accordance with the following description:

<u>Type Designation</u>	<u>Capacitance uuF</u>	<u>Nominal Dielectric Constant</u>	<u>Minimum Dielectric Thickness, mm</u>	<u>Minimum Dielectric Diameter, mm</u>
SDC	8	400 (Y5P)	1.3	2.8
SDC	10	400	1.3	2.8
SDC	15	400	1.3	2.8
SDC	22	400	1.3	2.8
SDC	33	400	1.3	2.8
SDC	39	400	1.3	2.8
SDC	47	400	1.3	2.8
SDC	68	400	1.3	2.8
SDC	100	400	1.3	2.8
SDC	150	400	1.3	2.8
SDC	220	400	1.3	2.8
SDC	330	400	1.3	2.8
SDC	390	400	1.3	2.8
SDC	470	400	1.3	2.8
SDC	680	400	1.3	2.8
SDC	1000	400	1.3	2.8

CONSTRUCTION DETAILS (CONT'D):

The product shall be constructed in accordance with the following description:

<u>Type Designation</u>	<u>Capacitance uuF</u>	<u>Nominal Dielectric Constant</u>	<u>Minimum Dielectric Thickness, mm</u>	<u>Minimum Dielectric Diameter, mm</u>
SDC	1000	910 (Y5U)	1.4	4.8
SDC	1500	910	1.4	4.8
SDC	1800	910	1.4	4.8
SDC	2000	910	1.4	4.8
SDC	2200	910	1.4	4.8
SDC	3300	910	1.4	4.8
SDC	3900	910	1.4	4.8
SDC	4700	910	1.4	4.8

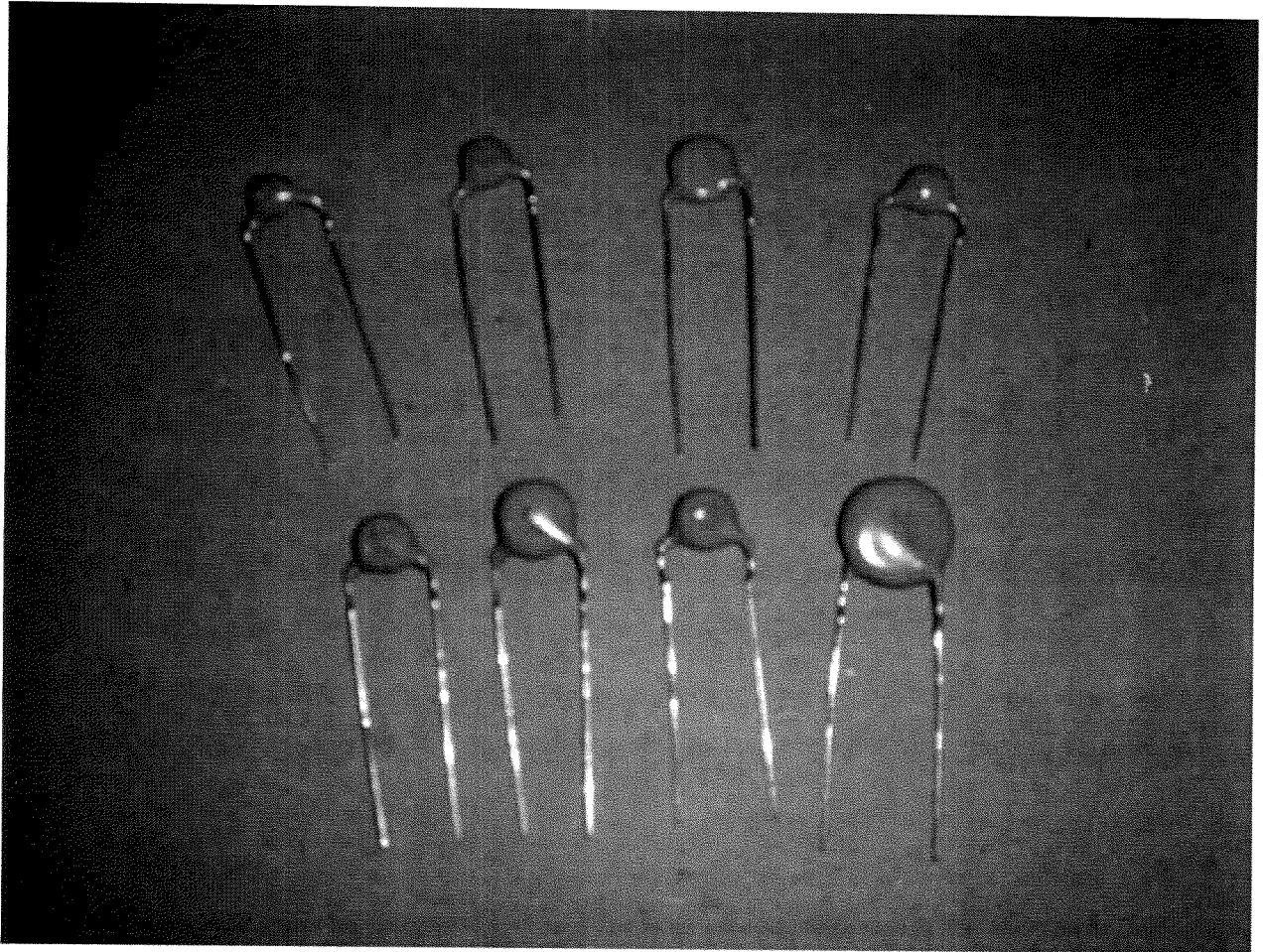
CONSTRUCTION DETAILS (CONT'D):

The product shall be constructed in accordance with the following description:

<u>Type Designation</u>	<u>Capacitance uuF</u>	<u>Nominal Dielectric Constant</u>	<u>Minimum Dielectric Thickness, mm</u>	<u>Minimum Dielectric Diameter, mm</u>
SDC	1000	1550 (Y5V)	1.4	4.8
SDC	1500	1550	1.4	4.8
SDC	2200	1550	1.4	4.8
SDC	3300	1550	1.4	4.8
SDC	4700	1550	1.4	4.8
SDC	6800	1550	1.4	4.8
SDC	8200	1550	1.4	4.8
SDC	10000	1550	1.4	4.8

CERAMIC DISC CAPACITOR  
TYPE SDC - FIG. 1

1. Marking - (Not as shown) - Recognized company's name or trademark, as shown and type designation stamped on body. Voltage rating is 250 V ac, and the marking of rating is optional.
2. Enclosure - R/C (QMFZ2), epoxy powder coating, Type F-250, manufactured by Somar Corp, rated 94V-0. Minimum thickness over capacitor plates is 0.5 mm.  
  
Alternate - R/C (QMFZ2), epoxy powder coating, Type PCE-210, manufactured by Nippon Pelnox Corp., rated 94V-0. Minimum employed thickness over capacitor plates is 0.5 mm.  
  
Alternate - any R/C (QMFZ2), rated 94V-0 at a minimum recognized thickness of 1.6 mm or less. Minimum employed thickness over capacitor plates is 0.5 mm.
3. Dielectric - Ceramic.
4. Capacitor Plates - Conductive alloy on dielectric disc.
5. Leads - Solder-coated copper wire, soldered to capacitor plates.



C070522719

## TEST RECORD NO. 1

## GENERAL:

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

Test results relate only to the items tested.

## SAMPLES:

Samples of the Antenna-Coupling Capacitor, Type SDC, rated 2 pF (NPO), 4700 pF (Y5U), and 10,000 pF (Y5V) all rated 250 V ac, 60 Hz, 85°C, constructed as described in the preceding section of this Report, were submitted by the manufacturer and subjected to the following tests. Testing of the Antenna-Coupling Capacitor, Type SDC, as mentioned above, was considered representative of the entire Type SDC series range from 2 pF to 10,000 pF for dielectric types NPO, SL, Y5P, Y5U, and Y5V.

The following tests were conducted in accordance with UL 1414, Fifth Edition, Revision Date, July 13, 1998, and CSA, C22.2 No. 1-04, Eleventh Edition, Revision Date, August, 2004:

The following tests were conducted:

Test Name:	UL 1414, Fifth Edition, Clause:	CSA, C22.2 No. 1-04, Eleventh Edition, Clause:
Dielectric Voltage Withstand (10000 pF)	10	6.4.1 (performed at UL test conditions which were worst case)
Fire Hazard Discharge (4700 pF & 10000 pF)	13	10.5.1
Expulsion Hazard Discharge (4700 pF & 10000 pF)	13	10.5.3
Across-the-Line Life (10000 pF)	14	10.5.5
Line-By-Pass Discharge (2 pF)	16.1	6.12.2
Line By-Pass Life (10000 pF)	17	10.5.5

The following additional test was conducted (at UL Northbrook) in accordance with Canadian Standard for Audio, Video, and Similar Electronic Equipment, CSA C22.2 No.1-04, Eleventh Edition, Revision Date, August, 2004:

Test Name:	UL 1414, Fifth Edition, Clause:	CSA C22.2, No. 1-04, Eleventh Edition, Clause:
Overvoltage (10,000 pF)	Not Applicable	10.5.2

The results of the above tests are acceptable.

TEST RECORD SUMMARY:

The results of this investigation, including construction review and testing, indicate that the products evaluated comply with the applicable requirements in the United States Standard for Across-the-Line, Antenna-Coupling, and Line-By-Pass Capacitors for Radio- and Television-Type Appliances, UL 1414, Fifth Edition, Revision Date, July 13, 1998, and the Canadian Standard for Audio, Video, and Similar Electronic Equipment, CSA C22.2, No. 1-04, Eleventh Edition, Revision Date, August, 2004, and therefore, such products are judged eligible to bear UL's Recognized Component Marking as described on the Conclusion Page of this Report.

Test Record By:

JAY KADIWALA  
Associate Project Engineer

Reviewed By:

VLADIMIR IVETIC  
Senior Project Engineer

CONCLUSION

Samples of the product covered by this Report have been found to comply with the requirements covering the class and the product is judged to be eligible for Component Recognition and Follow-Up Service. Under the Service the manufacturer is authorized to use the Recognized Marking described in the Follow-Up Service Procedure on such products which comply with said Procedure and any other applicable requirements of Underwriters Laboratories, Inc. Only those products which properly bear the Recognized Marking, are considered as Recognized Components by Underwriters Laboratories, Inc.

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Report By:

Reviewed By:

JAY KADIWALA  
Associate Project Engineer

VLADIMIR IVETIC  
Senior Project Engineer

