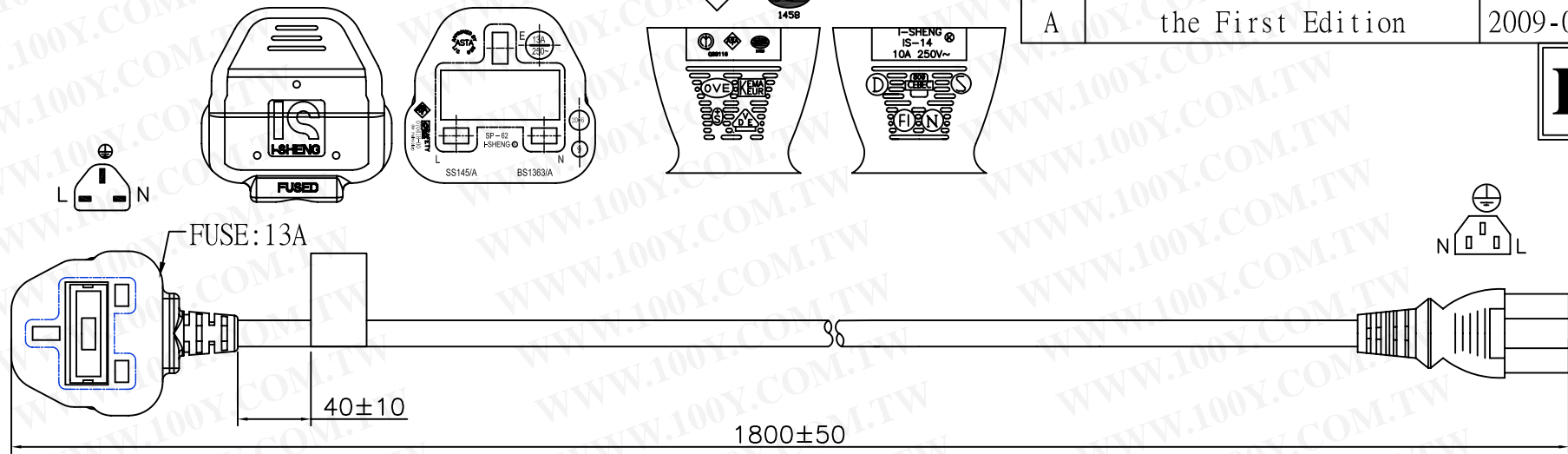


Rev	Modification Content	Date	Validate
A	the First Edition	2009-07-15	Cindy

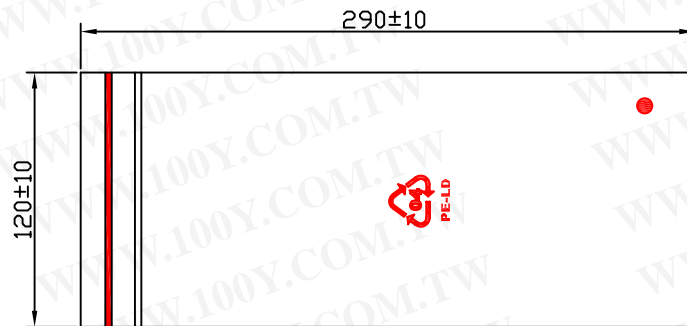
ROHS



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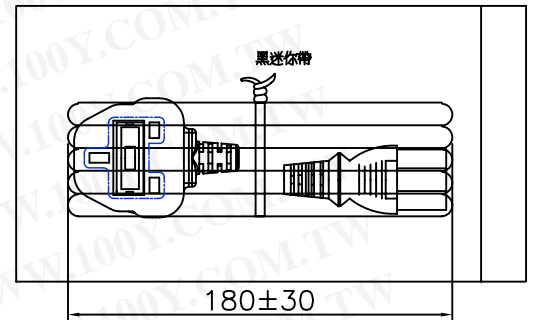
線材印字:

I-SHENG KSIS VDE KEMA-KEUR VE △ CEBEC 809
 NF-USE 1353 IEMMEQU H05VV-F 3G 0.75mm² 60227 IEC 53 RVV 300/500V
 A041481 3ASL/75 4V-75 V-75 (75°C) 250/440V ORDINARY DUTY Q88228 -LF- CE



Packing:

環保袋 (PE BAG)



10	Label	LABEL 13A	1 pcs
9	Molding	PVC 50P (IS-14) CT-12	g
8	內模套	IS-14內模套	1 pcs
7	銅片	KPR-14銅片	3 pcs
6	Molding	PVC 50P (SP-62) CT-12	g
5	端子	SP-62火線端子	1 pcs
4	內模套	SP-62 內模保護蓋	1 pcs
3	保險絲蓋	SP-62 保險絲蓋	1 pcs
2	保險絲	保險絲 13A	1 pcs
1	固定座	SP-62鍍鎳固定座	1 pcs
NO.	P/N	DESCRIPTION	QTY

WIRING COLOR:

E: Yellow/Green 黃/綠

N: Blue 藍

L: Brown 棕

P/N	SP-62 + IS-14			
Item	APO0260070030180			
Drawn By	Cindy	Customer NO.	NO	N
Audited By			Unit : mm	
Date	2009-07-15	Rev. : 1.00	ME	

SPECIFICATION

發行 ISSUED APR 10,2009	標準名稱 STD. NAME	UK APPROVAL POWER SUPPLY CORD	編號 FILE NO. V62 6B3016
修定 REVISED JUN 8,2009	品名 CAT NO.	SP-62+IS-14 H05VV-F 3G 0.75mm ²	頁次 PAGE 1

1. SCOPE :

THIS SPECIFICATION IS APPLIED TO BRAZIL POWER SUPPLY CORD
 CONFORMING TO:

BS 1363 BS 6500 IEC 60 320 IEC 60227

2. CONSTRUCTION AND DIMENSIONS :

IN ACCORDANCE WITH THE FOLLOWING TABLES AND ATTACHED DRAWINGS.

TABLE 1.

ITEM	CAT. NO.	RATING		APPROVED NO.	
		A	V		
PLUG	SP-62	13	250	856	CPA SPN PLR 070418-00
CONNECTOR	IS-14	10	250	443	
FUSE		13		658	767

TABLE 2.

FLEXIBLE CORD		H05VV-F 0.75/3G
APPROVED NO.		AS ATTACHMENT
RATING		300V/500V 70°C
NO. OF CORE (COLOR OF CORE)		3 (BLUE,BROWN, GREEN/YELLOW)
CONDUCTOR	NOMINAL (mm ²)	0.75mm ²
	CONSTRUCTION (pcs/mm)	24/ ϕ 0.20+0,-0.015
	CONDUCTOR RESISTANCE	Max 26Ω/km at 20°C
	IN CASE OF DISPUTE, CONDUCTOR RESISTANCE SHALL BE THE REFEREE METHOD.	
INSULATION	MEAN VALUE OF THICKNESS (mm)	0.6
	MIN. THICKNESS AT ANY POINT (mm)	0.44
	NOMINAL OVERALL DIAMETER (mm)	2.35±0.1
SHEATH	MEAN VALUE OF THICKNESS (mm)	0.8
	MIN. THICKNESS AT ANY POINT (mm)	0.58
	NOMINAL OVERALL DIAMETER (mm)	ϕ 6.7±0.2

3. WIRE MARKING : PRINTING ON THE SHEATH SHENZHEN:

I-SHENG SGIS <VDE>KEMA-KEUR 40 40 40

<CE> △CEBEC 809 S D N F NF-USE 1346 IEMMEQU

H05VV-F 3G 0.75mm² 60227 IEC 53 RVV 300/500V A003083 3ASL/75

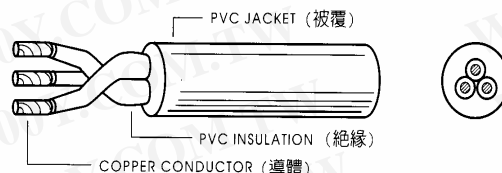
4V-75 V-75(75°C) 250/440V ORDINARY DUTY Q88228 -LF- CE

KUNSHAN:

I-SHENG KSIS <VDE>KEMA-KEUR 40 40 40 <CE> △CEBEC 809 S D N F NF-USE 1353

IEMMEQU H05VV-F 3G 0.75mm² 60227 IEC 53 RVV 300/500V A041481 3ASL/75

4V-75 V-75(75°C) 250/440V ORDINARY DUTY Q88228 -LF- CE



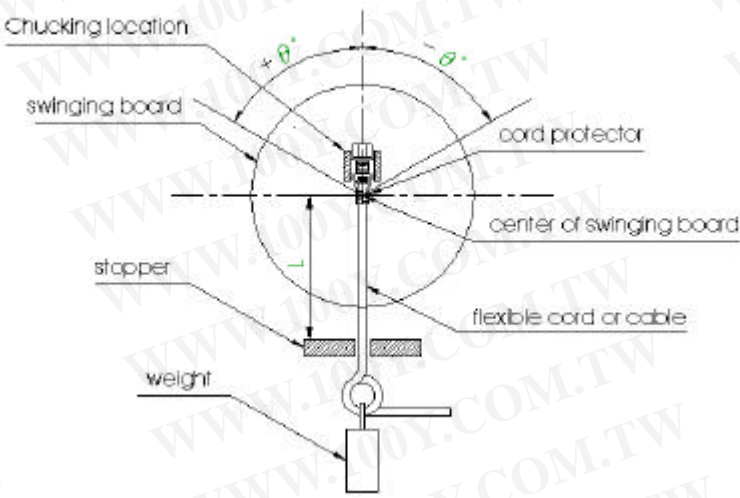
2000.03.05	STD.NAME	SPECIFICATION	FILE NO
修訂 REVISED 2002.03.14	題目 TITLE	THE CHARACTERISTIC OF POWER SUPPLY CORD FOR UNITED KINGDOM	SPEC-UK

Items 項目	Conditions 條件	Specification 規格
1 Insulation resistance 絕緣抵抗	<p>Apply a voltage of 500 (+ 250,-0) V DC for 1 min. at an ambient temperature of 20 , after which measurement shall be made.</p> <p>Between two conductors 導體相互間</p> <p>Between a conductor and ground 導體大地間</p>	<p>100M or more 100M 以上</p>
2 Electric strength 耐電壓	<p>Testing transformer capacity (耐壓計容量) :500 VA or more Trip current (遮斷電流) :2mA frequency (周波數) :50/60 Hz</p> <p>Between two Conductors 2800V/1min. 導體相互間,1分</p> <p>Between conductor and ground 2800V/1min. 導體大地間,1分</p> <p>Between conductors And outside body 4000 V/1 min. 導體表面間, 1分</p>	<p>Without breakdown or flashover shall occur 沒有損壞</p>

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發行 ISSUED 2000.03.05	標準名稱 STD.NAME	SPECIFICATION	檔案編號 FILE NO
修訂 REVISED 2002.03.14	題目 TITLE	THE CHARACTERISTIC OF POWER SUPPLY CORD FOR UNITED KINGDOM	SPEC-UK

Items 項目		Conditions 條件						Specification 規格	
3	Flexing test 屈曲強度	This test shall be made at an ambient temperature of 25± 5 to examine the strength of protectors of the attachment plug and the cord connector.						After the test the sample shall show no damage except that breakage of no more than 10% of the total number of conductor strands in any core is ignored provided they have not pierced the insulation.	
			Load Weight (g)	Angle (°)	Minor axis direction (turns)	Optional direction (turns)	Furthermore 90 rotational direction (turns)		Rate of flexing per min (turns)
		plug	0.75mm² 1020(10N) 1.0mm² 2040(20N)	45		10000	5000		60
		connector	0.75mm² 1020(10N) 1.0mm² 2040(20N)	45		20000	10000		60
<div></div> <p>A sample of flexing cord shall be fixed in the apparatus as shown in the above.</p> <p>The sample shall be bent backwards and forwards on a direction perpendicular to the plan of the axis of the conductors, the two extreme positions marking the specified angle on both side of the vertical.</p> <p>The attachment plug end or cord connector end shall be placed in the center of the swinging board.</p> <p>The specified weight shall be suspended from the cord and the board shall swing be specified times at the specified rate, making a one way bending one cycle.</p>									

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2000.03.05	STD.NAME	SPECIFICATION	FILE NO
修訂 REVISIED 2002.03.14	題目 TITLE	THE CHARACTERISTIC OF POWER SUPPLY CORD FOR UNITED KINGDOM	SPEC-UK

Items 項目		Conditions 條件	Specification 規格																	
4	Withdrawal force 引拔力	<p>Withdraw the cord connector straight into (or form) the standard gauge.</p> <p>Verification of the maximum withdrawal force</p> <p>The connector is inserted to the full depth into and withdrawn from the appropriate appliance inlet 10 times. It is then again inserted for a principal mass is such that it exerts a force equal to one-tenth of the maximum withdrawal force specified in the table and it shall be made one piece and a supplementary</p> <p>Verification of the minimum withdrawal force</p> <p>Is applied to each individual connector contact with the contact axes vertical and the gauge hanging vertically downwards. The total mass of the gauge shall be such as to exert the applicable force as show in table.</p> <table><tr><th rowspan="3">Type of connector</th><th colspan="3">Withdrawal force N (kg)</th></tr><tr><th colspan="2">Multi-pin gauge</th><th rowspan="2">Single-pin gauge minimum</th></tr><tr><th>max</th><th>Min</th></tr><tr><td>0.2A 2.5A 6A 10A</td><td>50 (5.1)</td><td>10 (1.0)</td><td>1.5 (0.15)</td></tr><tr><td>16A</td><td>60 (6.1)</td><td>15 (1.5)</td><td>2 (0.2)</td></tr></table>	Type of connector	Withdrawal force N (kg)			Multi-pin gauge		Single-pin gauge minimum	max	Min	0.2A 2.5A 6A 10A	50 (5.1)	10 (1.0)	1.5 (0.15)	16A	60 (6.1)	15 (1.5)	2 (0.2)	<p>After Verification of the maximum withdrawal force test. The principal mass is hung on the connector without jolting and the supplementary mass is allowed to fall from a height of 5 cm on to the principal mass. The connector shall not remain in the appliance inlet.</p> <p>After Verification of the minimum withdrawal force test. The test pin gauge is applied gently, and care is taken not to knock the assembly when checking the minimum withdrawal force. The gauge shall not fall from the contact assembly within 3 sec.</p>
Type of connector	Withdrawal force N (kg)																			
	Multi-pin gauge			Single-pin gauge minimum																
	max	Min																		
0.2A 2.5A 6A 10A	50 (5.1)	10 (1.0)	1.5 (0.15)																	
16A	60 (6.1)	15 (1.5)	2 (0.2)																	

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修訂 REVISED 2002.03.14	題目 TITLE	THE CHARACTERISTIC OF POWER SUPPLY CORD FOR UNITED KINGDOM	SPEC-UK

Items 項目	Conditions 條件	Specification 規格
5 Temperature rise 溫昇	An alternating current of 1.25 times rated current is passed through the current-carrying contacts for 1h For connectors with earthing contact, the current is then passed through one current-carrying contact and the earthing contact for 1h	The temperature rise of terminals and contacts shall not exceed 45k
6 Breaking capacity 啟斷容量	The connector and appliance inlet are connected and disconnected 50 times (100 strokes) at a rate of 30 strokes per minute. The length of a stroke of the test apparatus is between 50mm and 60mm The periods during which the test current is passed from the connection to the subsequent disconnection of the accessories are 1.5(+0.5,-0)s The test voltage is 275V, the test current is 1.25 times rated current and the power factor is at least 0.95 for 10A and 16A connectors and 0.6 ±0.05 for other connectors	The specimen shall show no damage impairing its further use and the entry holes for the pin shall not show any serious damage.
7 Resistance to heat 耐熱試驗	Test being made in a heating cabinet at a temperature of 100 ±2 The specimen is clamped between steel jaws, having a cylindrical face of 25mm radius, a width of 15mm and a length of 50mm. The corners are rounded with a radius of 2.5mm. The specimen is clamped in such a way that the jaws press against it in the area where it is gripped in normal use, the centre line of the jaws coinciding as nearly as possible with the centre of this area. The force applied through the jaws is 20N	After 1h, the jaws are removed and the specimen shall show no damage within the meaning of this standard.

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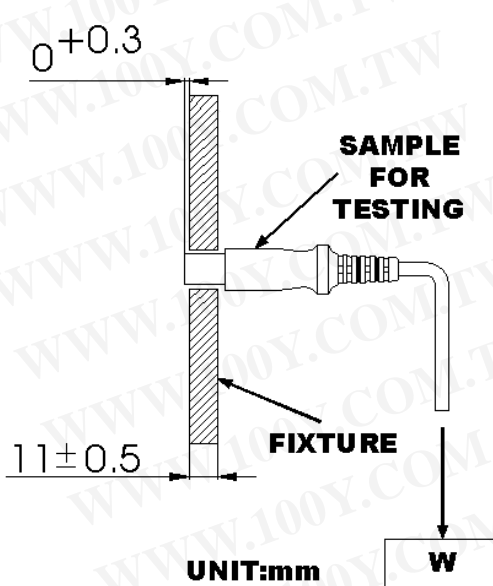
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修訂 REVISED 2002.03.14	題目 TITLE	THE CHARACTERISTIC OF POWER SUPPLY CORD FOR UNITED KINGDOM	SPEC-UK

Items 項目	Conditions 條件	Specification 規格
8 Resistance to Aging 老化試驗	<p>The specimens are suspended freely in a heating cabinet, ventilated by natural circulation. They are kept in the cabinet, which is maintained at a temperature of 80 ± 2, for 168h (7 days).</p> <p>After the test are allowed to attain approximately ambient temperature and are examined. They shall show no crack visible to the naked eye, nor shall the material have become sticky or greasy, this being judged as follows</p> <p>A forefinger wrapped in a dry piece of rough cloth is pressed on the specimen with a force of 5N.</p> <p>No traces of the cloth shall remain on the specimen and the material of the specimen shall not stick to the cloth</p>	After this test, the specimen shall show no damage which would lead to non-compliance with this standard.
9 Moisture resistance 耐濕性	<p>The humidity treatment is carried out in a humidity cabinet containing air with a relative humidity maintained between 91% and 95% The temperature of the air, at all places where specimens can be located, is maintained within ± 1 of any convenient value t between 20 and 30</p> <p>Before being placed in the humidity cabinet, the specimens are brought to a temperature between t and $(t+4)$</p> <p>The specimens are kept in the cabinet for</p> <ul style="list-style-type: none"> - 168h (7 days) for connector with earthing contact and for appliance inlets with earthing contact, which are submitted as individual accessories, not incorporated in other equipment. - 48h (2 day) in all other cases. 	After this treatment, the specimen shall show no damage.

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Items 項目	Conditions 條件	Specification 規格										
10 Mechanical strength of connector body	<p>After the connector' s point is fixed as shown in the figure below.</p> <p>A lateral pull, as specified in table, is applied to the cord first in a direction perpendicular to the plane containing the axes of the current-carrying pin, and hall be applied vertically and slowly for 60 sec.</p> <p>This sequence of operation is made 1 time in one direction and then 1 time in the opposite direction.</p> <table><tr><th>Rated current of connector A</th><th>Pull N (Kg)</th></tr><tr><td>2.5</td><td>6 (0.61)</td></tr><tr><td>6</td><td>35 (3.57)</td></tr><tr><td>10</td><td>35 (3.57)</td></tr><tr><td>16</td><td>50 (5.1)</td></tr></table>  <p>UNIT:mm</p>	Rated current of connector A	Pull N (Kg)	2.5	6 (0.61)	6	35 (3.57)	10	35 (3.57)	16	50 (5.1)	<p>After the test, the connector shall show no damage.</p>
Rated current of connector A	Pull N (Kg)											
2.5	6 (0.61)											
6	35 (3.57)											
10	35 (3.57)											
16	50 (5.1)											
11 Polarity/Continuity	<p>Line and neutral shall be test at 24V;shall be instantaneous</p>	<p>Without breakdown</p>										