

# 東莞永力電業有限公司

YUNG LI CO., LTD

Da Pu Industrial Zone, Gang Zi, Changping Town,  
Dong Guan City, Guangdong 523571 China.P.R.C

TEL:0769-83396797~8

FAX:0769-83396796

E-mail: sales@yung-li.com

Description: Australian to 90° angled C13

Customer:

Parts No. : CB-N-AUS-90 YP-35 / YC-12L

Draw No. :

## ***REVISION RECORD***

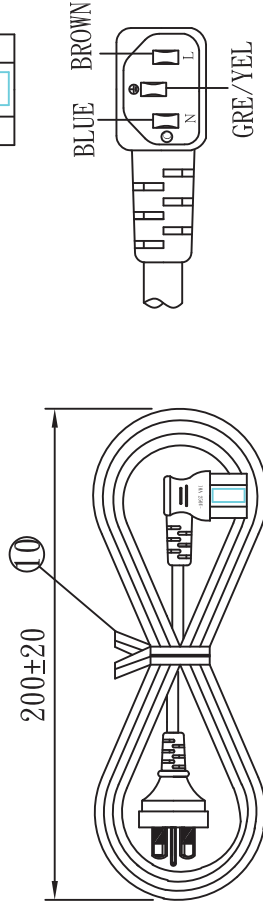
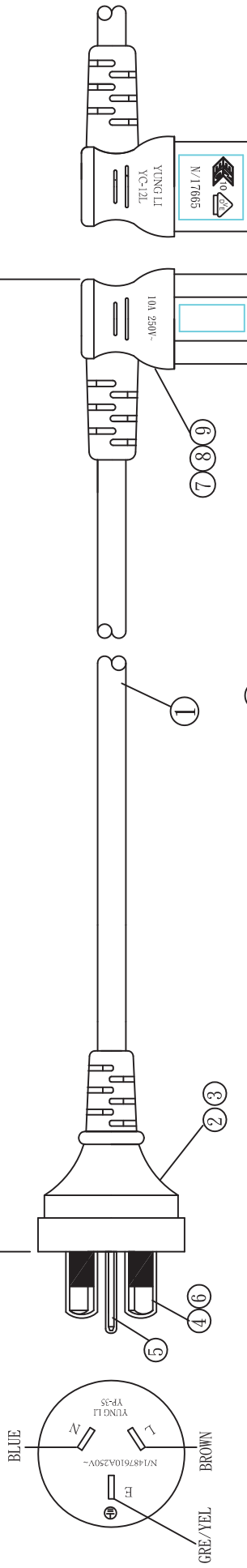
1		
2		
3		
4		
5		

YUNG LI		CUSTOMER	APPROVED
CHECKED	PREPARED BY		

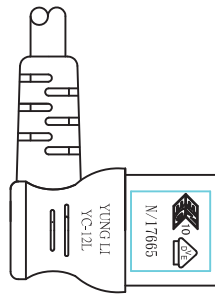


N/17665

1830±50



200±20



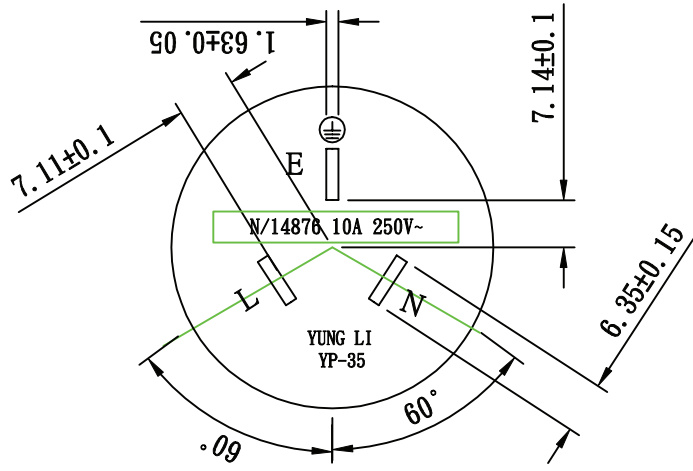
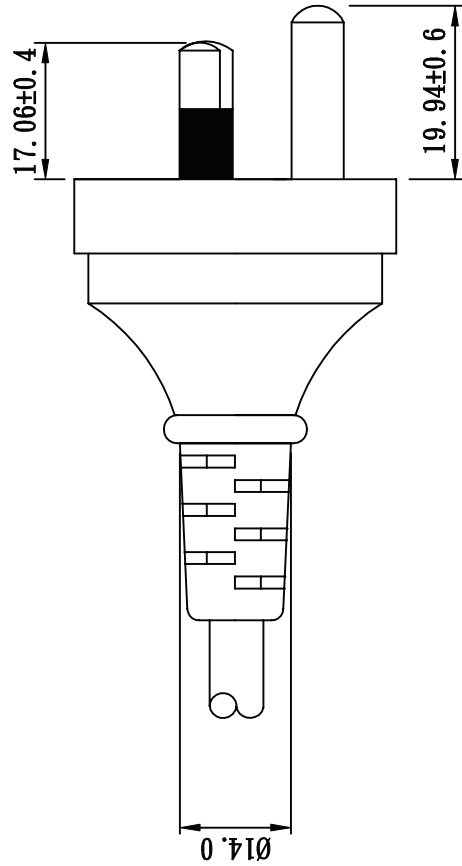
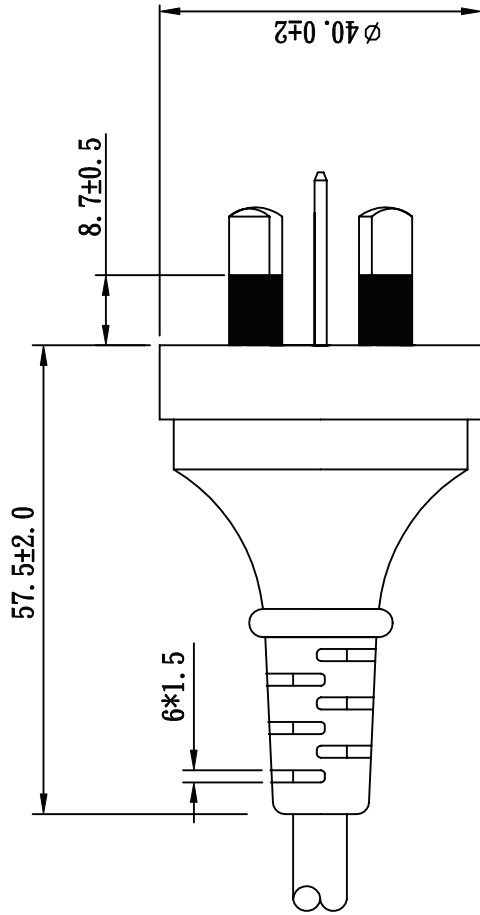
NO.	SPECIFICATION	Q'TY	REMARK
1	H05VV-F 0.75/3G BLACK	1PC	1820±15(YL)
2	YP-35 PVC PLASTIC:50P BLACK	32g/PC	
3	SAA INNER BODY	1PC	
4	SAA TER:P97658BS-I	2PCS	
5	SAA TER:98658BS-I	1PC	
6	SAA SLEEVE WHITE	1PC	
7	TER:97740	3PCS	
8	YC-12L INNER BODY	1PC	
9	YC-12L PVC PLASTIC:50P BLACK	18g/PC	
10	MINI TIE:L=130mm BLACK	1PC	
11			

Approved		Date	
Tolerance			
>0±0.30	Checked	Date	
>1.0±0.50	Drawn	Date	
>10.0±1.0	Cat. No.	YP-35/YC-12L	
>20.0±2.0	Angle: ±1°		
Drawing No.		SP110617-01	
Rev.		B	
Customer		MAG	
P/N.			
Material	P.V.C	Unit	mm
Scale			

**YUNG LI CO.,LTD**

認證號:

N/14876



一般公差:  
 $>0 \pm 0.30$   
 $>1.0 \pm 0.50$   
 $>10.0 \pm 1.0$   
 $>20.0 \pm 2.0$   
 Angle:  $\pm 1^\circ$

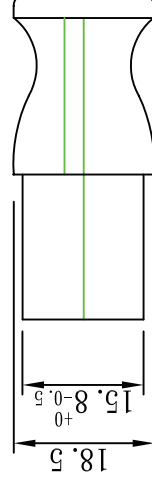
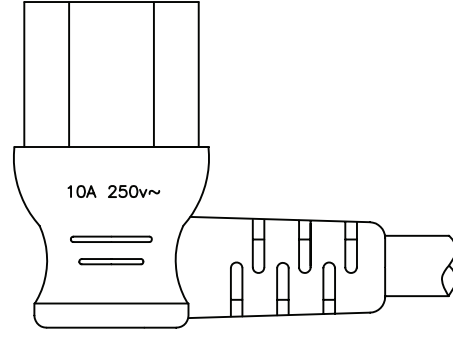
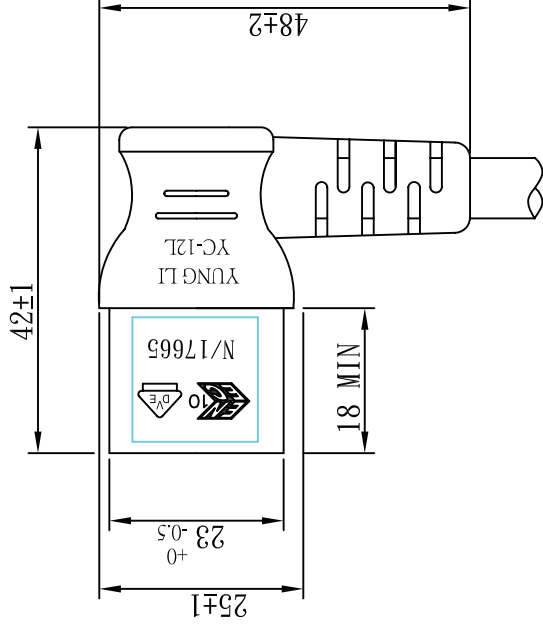
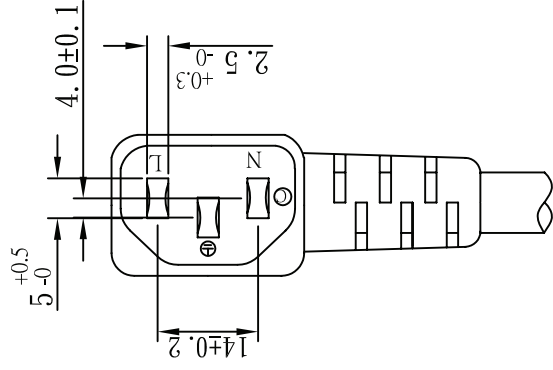
核准	日期	日期	日期
審核	日期	日期	日期
制圖	日期	日期	日期

YP-35(半絕緣)

CY-P35B

料號	YUNG LI CO., LTD.
材質	
比例	1:1

永力電業有限公司	單位	mm
YUNG LI CO., LTD.	P.V.C	
	1:1	



一般尺寸公差：  
 >0±0.30  
 >1.0±0.50  
 >10.0±1.0  
 >20.0±2.0  
 Angle: ±1°

核准	日期	
審核	日期	
制圖	黃海燕	日期 10.07.21
型號	YC-12L(ENEC)	
圖號		

東莞永力電業有限公司		
YUNG LI CO., LTD.		
料號		
材質	P.V.C	單位 mm
比例	1:1	

# SPECIFICATION

TYPE	DESCRIPTION	PART NO.	PAGE
<b>YP-35/YC-12L</b>	<b>POWER SUPPLY CORD</b>		1 of 3

**1. SCOPE:**

This specification applies to POWER SUPPLY CORDS which are in compliance with SAA standards AS 3112 with approval number as follow:

**2. Standard of applicable**

No.	Item	Type	Max. voltages	Max. current	File No.
2.1	Plug	YP-35	250V	10A	14876
2.2	Connector	YC-12L	250V	10A	14877
2.3	Cord	<b>H05VV-F 0.75/3C</b>			

**3. TEST CONDITION:** This test and measurement, unless otherwise specified shall be carried out at a temperature of 15<sup>0</sup>C to 35<sup>0</sup>C, relative humidity of 25% to 85%, and atmospheric pressure of 86kpa to 106kpa.

However, when any doubt arises on the judgement value under it the test and measurement shall be carried out at a temperature of 20±2<sup>0</sup>C, relative humidity of 60% to 70%, and atmospheric pressure of 86kpa to 106kpa.

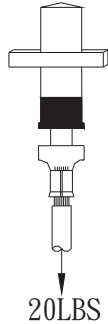
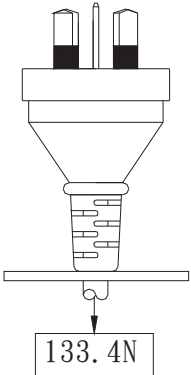
**4.ELECTRICAL PERFORMANCE**

NO.	Item	Test condition	Requirement
4-1	Dielectric Withstanding Voltage test	AC2500V is applied between a conductor and other conductor for 1 second. Loss of electric current at 1mA	No breakage
4-2	Current and Polarity test	L=L E=E N=N	No problem with Conductor
	Insulation resistance test	In the air 20 <sup>0</sup> C~60 <sup>0</sup> C DC 500V	5MΩ / km MIN

# SPECIFICATION

TYPE	DESCRIPTION	PART NO.	PAGE
<b>YP-35/YC-12</b>	<b>POWER SUPPLY CORD</b>		2 of 3

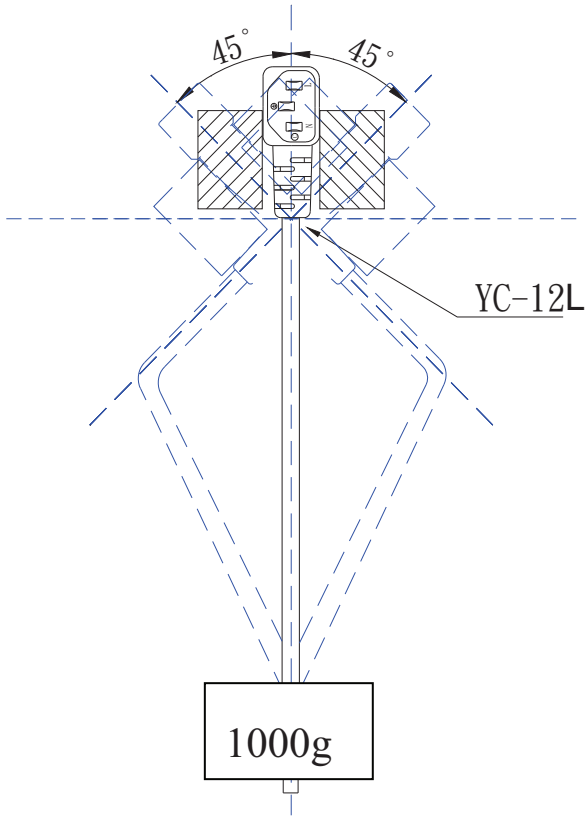
## 5.MECHANICAL PERFORMANCE

NO.	Item	Test condition	Requirement
5-1	Aging test	Exposure to $70\pm 2^{\circ}\text{C}$ , atmosphere for 168 hours under natural ventilation.	No crack mucus mark wire exposure short and opposite polarity.
5-2	Input & output Force to connector	It is tested after taking the action of 10time input & output.	Applied force is 1~6kg
5-3	Pulling out force of terminal	The connector between blade terminal and conductor shall not break under a pull force of 20lbs for 1minute  	Blade can not fall down
5-4	Pulling out force of cord	The joint in flexible cord is to be securely support-rated by a rigid flat mounted horizontally, a pull of 133.4N weight for one minute to the flexible cord  	No looseness

# SPECIFICATION

TYPE	DESCRIPTION	PART NO.	PAGE
<b>YP-35/YC-12</b>	<b>POWER SUPPLY CORD</b>		3 of 3

## 6.MECHANICAL PERFORMANCE

NO.	Item	Test condition	Requirement
6-1	Bending force	<p>The power supply cord division is fixing and load of 1000g is added to a tip of a cable. It is made to do 10000cycles bending on right and left each 45° (bending speed 60 cycles/minute)</p> <div style="text-align: center;">  </div>	<p>Breaking rate is under 10%</p>

# YUNG LI CO., LTD

## SPECIFICATION

Yung Li	Style	PVC FLEXIBLE CORDS	Document No
2009.4.28			
Edition	Size	<b>H05VV-F 3G 0.75mm<sup>2</sup></b>	Page
A			1/2

1. Standard: IEC 227 IEC228

2. Construction & Dimension

	Item	Specification
Conductor	Size	3G 0.75mm <sup>2</sup>
	Material	Annealed Bare Copper
	Construction	24/ $\phi$ 0.2±0.01
Insulation	Material	PVC
	Minimum Average Thickness	0.60mm
	Minimum Thickness at any point	0.44mm
	Diameter	2.35 ± 0.10
	Identification	Blue,Brown,Yellow/Green
Core Assembly	Core Twist	3-Core
	Filler	NA
	Assembly Pair	NA
Taping	Mylar Foil	NA
Shielded	A1-Mylar Foil	NA
Drain	Material	NA
	Construction	NA
Jacket	Material	PVC
	Minimum Average Thickness	0.8mm
	Minimum Thickness at any point	0.58mm
	Overall Diameter(Approx)	6.7 ± 0.15
	Color	Any Color

**Marking:**

YUNG LI H05VV-F 3G 0.75mm<sup>2</sup> ◁VDE▷ NF-USE 1347 (NF) KEMA-KEUR △CEBEC ◁ÖVE▷ (D) (FI) (N)

(S) (S) IEMMEQU Q04083 (CCC) A00409 60227 IEC 53(RVV) 300/500V (K) KTL SU01027-4002



# YUNG LI CO., LTD

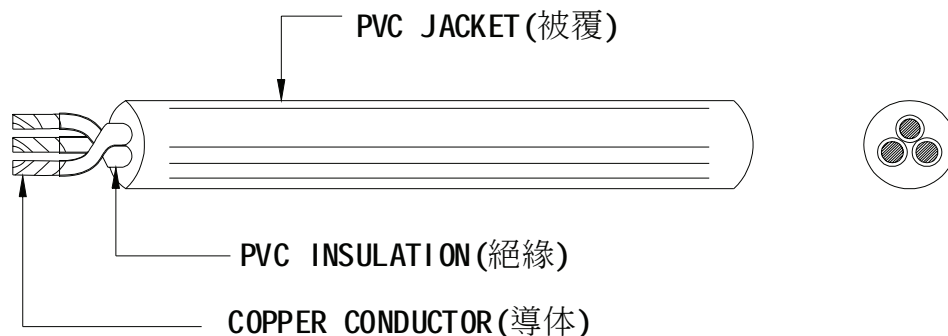
## SPECIFICATION

Yung Li	Style	PVC FLEXIBLE CORDS	Document No
2009.4.28			
Edition	Size	<b>H05VV-F 3G 0.75mm<sup>2</sup></b>	Page
A			2/2

### 4. Electrical & Physical Properties

Item	Specification		
Rating Voltage	70°C 300/500V		
Conductor resistance(AT 20°C)	26.0Ω/Km MAX		
Insulation Resistance(AT 70°C)	0.011MΩ/Km Min		
Dielectric Strength	AC 2.0 KV / 15 min No Break		
Spark Test	6.0KV		
Insulation	Unaged	Tensile Strength	1.02 kgf/mm <sup>2</sup> min
		Elongation	150% Min
	Aged	Tensile Strength	80~120% (80°Cx168hrs)
		Elongation	80~120% (80°Cx168hrs)
	Loss of mass Test		2.0mg/cm <sup>2</sup> (max)
Jacket	Unaged	Tensile Strength	1.02 kgf/mm <sup>2</sup> min
		Elongation	150% Min
	Aged	Tensile Strength	80~120% (80°Cx168hrs)
		Elongation	80~120% (80°Cx168hrs)
	Loss of mass Test		2.0mg/cm <sup>2</sup> (max)
Deformation Test		70±2°C X 4hr ≤ 50%	
Cold Bend Test		-15°C x 1hr No Crack	
Heat Shock Test		150±2°C x 1hr No Crack	

### Graph:





# CERTIFICATE OF APPROVAL

ISSUED PURSUANT TO SECTION 21C OF THE ELECTRICITY SAFETY ACT 1945

**ISSUED TO:**

Yung Li Co Ltd

**CLASS OF ARTICLE:**

Plug

**DESCRIPTION OF ARTICLE:**

**Plug (Insulated Pin)**

[Non-rewirable, three-pin, flat-pin (two-insulated live pins), black thermoplastic moulded plug with a white thermoplastic insert, integrally moulded to any <HAR> certified H05VV-F 3G0.75mm<sup>2</sup>, or Australian approved three-core, 0.75mm<sup>2</sup>, PVC insulated and sheathed, ordinary duty circular flexible cord] 250V, 10A

**EXAMINED FOR COMPLIANCE WITH:** AS/NZS 3112 : 2000

**TYPE REFERENCE CODE:** Type No. YP-35

**APPROVAL MARK:**

Each electrical article of the abovementioned type shall be marked with Approval Number N17967 or N14876

**DATE OF APPROVAL:** 25 September 2001

This approval expires 25 September 2006 unless suspended, cancelled, renewed or extended.

  
for **DIRECTOR-GENERAL**



DEPARTMENT OF **FAIR TRADING**  
NSW Consumer Protection Agency

**ADDENDUM TO CERTIFICATE OF APPROVAL No 17967**

**Particulars of Modification(s)**

1. Original Type No. YP-35 alternatively moulded to any of the following <HAR> certified or equivalent Australian approved flexible cords:-
  - (a) H05VV-F 3G1.00mm<sup>2</sup>.
  - (b) H05VV-F 2X0.75mm<sup>2</sup>.
  - (c) H05VV-F 2X1.00mm<sup>2</sup>.
  - (d) H03VV-F 3G0.75mm<sup>2</sup>.
  - (e) H03VV-F 2X0.75mm<sup>2</sup>.
  - (f) H05VVH2-F 2X1.00mm<sup>2</sup>
  - (g) H05VVH2-F 2X0.75mm<sup>2</sup>
  
2. Type YP-36 being similar to original Type No. YP-35 except two-pin in lieu of three-pin, and alternatively moulded to any of the following <HAR> certified or Australian approved flexible cords:-
  - (a) H03VVH2-F 2X0.75mm<sup>2</sup>.
  - (b) H05VVH2-F 2X0.75mm<sup>2</sup>.
  - (c) H05VVH2-F 2X1.00mm<sup>2</sup>.
  - (d) H03VV-F 2X0.75mm<sup>2</sup>.
  - (e) H05VV-F 2X0.75mm<sup>2</sup>.
  - (f) H05VV-F 2X1.00mm<sup>2</sup>.

Approved: 25 September 2001

for DIRECTOR-GENERAL



**OFFICE OF FAIR TRADING**

*NSW Consumer Protection Agency*  
Department of Commerce

**ADDENDUM TO CERTIFICATE OF APPROVAL No 17967**

**Particulars of Modification(s)**

Model No. YP-36 to use the alternative approval mark N15572.

Approved: 03 March 2005

for Commissioner

Ref: 17967/3

**ADDENDUM TO CERTIFICATE OF APPROVAL 17967**

**Particulars of Modification(s)**

- (a) Original Type No. YP-35 alternatively moulded to a 'Yung Li' Type H05VV-F 3G1.5mm<sup>2</sup> flexible cord (Q04083).
- (b) General Modification:  
Plugs now comply with AS/NZS3112 : 2004.

Approved: 01 May 2006



for Commissioner for Fair Trading

Ref: 17967/4

**RENEWAL OF CERTIFICATE OF APPROVAL 17967**

**PARTICULARS OF RENEWAL**

The approval of Plug Type No. YP-35 and all approved modifications has been renewed for a period of FIVE years.

Date of Renewal: 05 September 2006

The Approval expires on 25 September 2011 unless it is renewed, extended, suspended or cancelled.



for Commissioner for Fair Trading

**ADDENDUM TO CERTIFICATE OF APPROVAL 17967**

**Particulars of Modification(s)**

1. Type YP-35 alternatively moulded to any <HAR> certified H05RR-F 3G1.00mm<sup>2</sup> or equivalent Australian approved flexible cord.
2. Type YP-39 being similar to Type YP-35 except :-
  - (a) Having 15A in lieu of 10A construction.
  - (b) Marked 15A in lieu of 10A.
  - (c) Alternatively moulded to any <HAR> certified H05VV-F 3G1.5mm<sup>2</sup> or H05RR-F 3G1.5mm<sup>2</sup> or equivalent Australian approved flexible cords.
3. General Modification.  
Plugs now comply with AS/NZS3112:2001 A1

Approved: 10 May 2007



for Commissioner for Fair Trading



DEPARTMENT OF **FAIR TRADING**  
NSW Consumer Protection Agency

Certificate Number: 17665

# CERTIFICATE OF APPROVAL

ISSUED PURSUANT TO SECTION 21C OF THE ELECTRICITY SAFETY ACT 1945

ISSUED TO:

Yung Li Co Ltd

CLASS OF ARTICLE:

Appliance Connector

DESCRIPTION OF ARTICLE:

Appliance Connector

(Side-entry, C13 appliance connector, for cold conditions, for Class I equipment, integrally moulded to any <HAR> certified H05VV-F 3G1.0mm<sup>2</sup>, or Australian approved three-core 1.00 mm<sup>2</sup>, PVC insulated and sheathed ordinary duty circular flexible cord)

Trade Name: 'Yung Li'

250V, ac, 10A

EXAMINED FOR COMPLIANCE WITH: AS/NZS 3109.1 : 1996 A1

TYPE REFERENCE CODE: Model No. YC-12L

APPROVAL MARK:

Each electrical article of the abovementioned type shall be marked with Approval Number N17665

DATE OF APPROVAL: 30 April 2001

This approval expires 30 April 2006 unless suspended, cancelled, renewed or extended.

for DIRECTOR-GENERAL



Ref: 17665/3

**RENEWAL OF CERTIFICATE OF APPROVAL 17665**

**PARTICULARS OF RENEWAL**

The approval of Appliance Connector Model No. YC-12L and approved modifications has been renewed for a period of FIVE years.

Date of Renewal: 27 April 2006

The Approval expires on 30 April 2011 unless it is renewed, extended, suspended or cancelled.



for Commissioner for Fair Trading



# Queensland Government

Department of Justice and Attorney-General

Electrical Safety Act 2002

## Certificate of Approval for an Electrical Article

**Registration No: Q04083**

This is to certify that the Regulator has approved the electrical article described hereunder.

**Registered Declarant:** Yung-Li Co., Ltd.  
Da Pu Industrial Zone,  
Chang Ping Town,  
Dong Guan City 523571 CHINA

### DETAILS OF ARTICLE

<b>Article:</b>	Supply Flexible Cord PVC Flexible Cord
<b>Trade Name:</b>	Yung-Li Co., Ltd.
<b>Catalogue/Model/Type Number:</b>	H05VV-F
<b>Marking Details:</b>	H05VV-F 2...3C x 0.75...2.5mm <sup>2</sup> - All Colours
<b>Reference Number:</b>	04083
<b>Relevant Standard:</b>	AS/NZS60227.5 2003 Including Amendment 1
<b>Date of Registration:</b>	04 October 2004
<b>Expiry Date:</b>	04 October 2014

Queensland Government  
Department of Justice and Attorney-General

  
Director - Equipment Safety  
Electrical Safety Office  
1719 12009

Electrical Safety Office  
Department of Justice and Attorney-General  
LMB 2234  
Brisbane QLD 4001



# Queensland Government

Department of Justice and Attorney-General

Electrical Safety Act 2002

## Attachment to Certificate of Approval for an Electrical Article

### Part A

<b>Approval Number:</b>	<b>Q04083</b>
<b>Modification to:</b>	Supply Flexible Cord PVC Flexible Cord
<b>Trade Name:</b>	Yung-Li Co., Ltd.
<b>Catalogue/Model/Type Number:</b>	H05VV-F
<b>Marking Details:</b>	H05VV-F 2...3C x 0.75...2.5mm <sup>2</sup> - All Colours

### Part B

**Date of Modification:** 04 October 2004

### Details of Modification:

# Queensland Government

Department of Justice and Attorney-General

### Additional Models

H05VVH2-F 2C X  
0.75...1.00MM<sup>2</sup>  
H03VV-F 2...3C X  
0.5...0.75MM<sup>2</sup>  
H03VVH2-F 2C X  
0.5...0.75MM<sup>2</sup>

### Description

2 core, flat ordinary duty - all colours.  
2 core, round light duty - all colours.  
2 core, flat light duty - all colours.

*[Signature]*  
**Director - Equipment Safety**  
**Electrical Safety Office**  
171 912009

# Queensland Government

Department of Justice and Attorney-General



# Queensland Government

Department of Justice and Attorney-General

Electrical Safety Office  
Department of Justice and Attorney-General  
LMB 2234  
Brisbane QLD 4001