

SPECIFICATION

FOR

POWER SUPPLY CORD (PB FR)

CORD : H03VV-F 3X0.75mm² PVC LEAD FREE

CUSTOMER : ELECTRONICS SOURCE/NECTEC

CUSTOMER'S PART No. : TH CORD

VOLEX'S SPEC. REF. No. : 154306

ISSUE No. : 001

DATE : 02ND APRIL 2015

CUSTOMER APPROVED :

APPROVED BY :	
SIGNATURE :	
APPROVED DATE :	
No. OF PAGES :	



Volex (Asia) Pte Ltd

35 Tampines St. 92

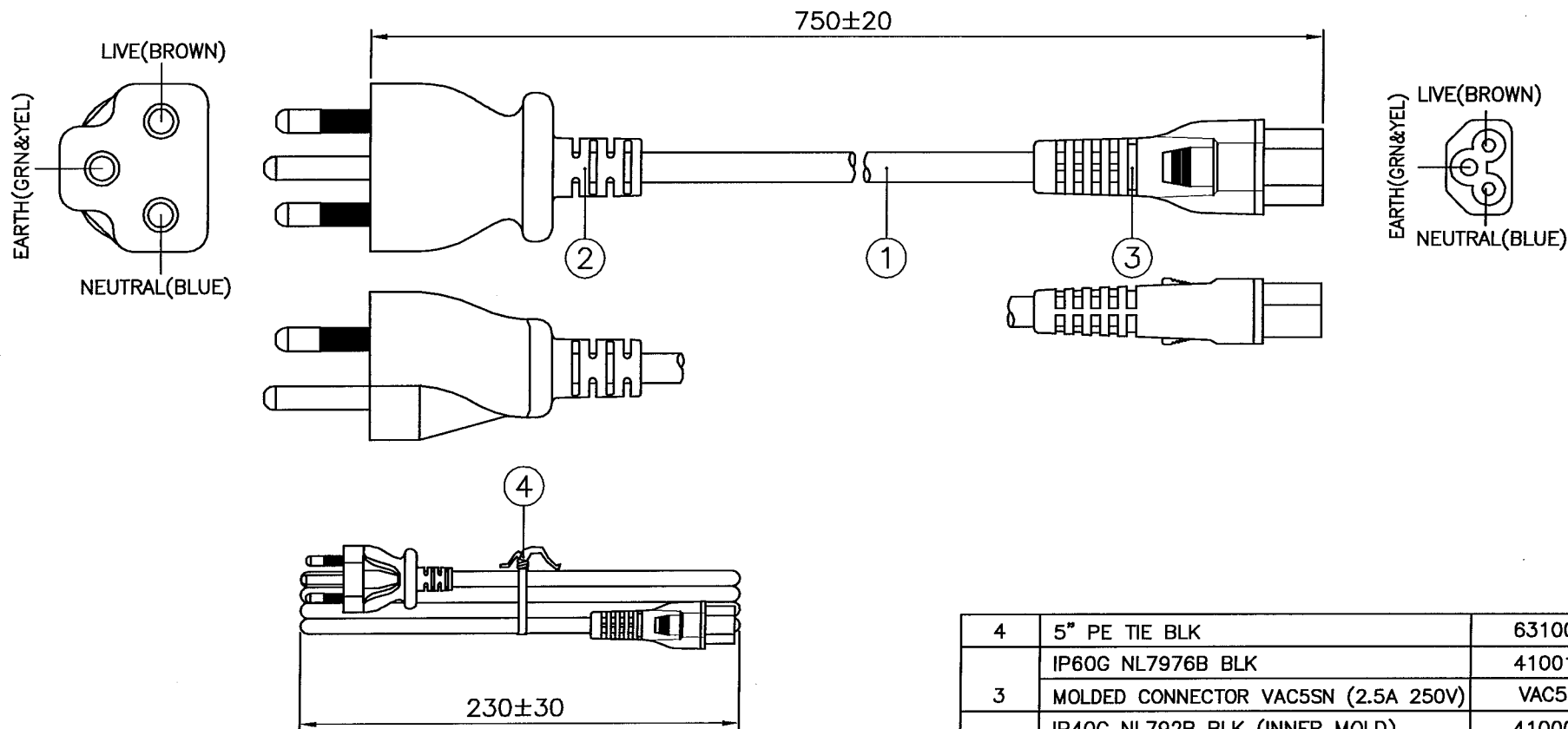
Singapore 528880

Tel : (65) 6788 7833

Fax : (65) 6788 7822

AMENDMENT RECORD

[illegible]



APPROVED SOURCE FOR CABLE

1. BAO HING(SHENZHEN).

NOTE :

1. ALL DIMENSIONS IN mm.
2. THE CORD SHALL COMPLY WITH IEC 60227.
3. THIS PART TO BE MANUFACTURED EITHER IN HENG GANG (CHINA) OR ZHONGSHAN (CHINA).

4	5" PE TIE BLK	6310067	1
	IP60G NL7976B BLK	4100115	—
3	MOLDED CONNECTOR VAC5SN (2.5A 250V)	VAC5SN	1
	IP40G NL792B BLK (INNER MOLD)	4100017	
	IP60G NL7976B BLK (OUTER MOLD)	4100115	—
2	MOLDED PLUG TI16S3N (16A 250V)	TI16S3N-I	1
1	H03VV-F 3X0.75 BLK PVC LEAD FREE	1210456	1
S/N	DESCRIPTION	ITEM NUMBER	QTY
TITLE : POWER SUPPLY CORDSET (PB FR)		SCALE : N.T.S.	
CUSTOMER : ELECTRONICS SOURCE/NECTEC		PAGE : 1/1	
CUSTOMER PART NUMBER : TH CORD		ISSUE	
Reference Number : 154306 (ETH03-001-15)		001	
SALES :	QA :	ENGRG :	CHECKED BY :
			DRAWN BY :
Date :	Date :	Date :	Date :
Volex (Asia) Pte Ltd			
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REV.	DESCRIPTION	DATE
D	UPDATE INSULATION COLOUR.	22/01/03
E	CHANGE ACCORDANCE STD FM. 'IEC227' TO 'IEC 60227'.	16/09/04
	UPDATE SPEC. VALUE AS PRODUCT SAFETY.	

1. PVC FLEXIBLE CORD

1.1 SCOPE

This specification shall be in accordance with IEC 60227. Δ

1.2 CONSTRUCTION

CONDUCTOR	ANNEALED COPPER WIRE
INSULATION	PVC (BLUE, BROWN, GREEN&YELLOW OR BLACK, RED, GREEN OR BLACK, RED, GREEN&YELLOW)
JACKET	PVC

ITEM		UNIT	SPEC. VALUE
TEMPERATURE RATING		°C	70
RATED VOLTAGE		V	300/300
NO. OF CORE		NO.	3
CONDUCTOR NOMINAL AREA		mm ²	0.75
MIN. AVE. THICKNESS OF INSULATION		mm	0.50
MIN. THICKNESS AT ANY POINT OF INSULATION		mm	0.35
MIN. AVE. THICKNESS OF JACKET		mm	0.60
MIN. THICKNESS AT ANY POINT OF JACKET		mm	0.41
OVERALL DIAMETER OF JACKET		mm	5.2~6.7
VOLTAGE TEST – IMMERSED IN WATER 20±5°C FOR MINIMUM 1 HR	ON COMPLETED CABLE	—	2000V for 5 mins. (minimum)
	ON CORES	—	1500V for 5 mins. (minimun)
INSULATION RESISTANCE TEST (70°C)		MΩ /km	>0.01
CONDUCTOR RESISTANCE TEST (20°C)		Ω /km	<= 26.0

TITLE : CABLE SPECIFICATION

INTERNATIONAL APPROVED POWER SUPPLY CABLE
H03VV-F 3X0.75mm²

SPEC NO. :

CS-007IN

APPROVED BY :

Handwritten signature

DATE :

16/9/04

CHECKED BY :

Handwritten signature

DATE :

16/09/04

DRAWN BY :

QIAN SM

DATE :

16/09/04

REVISION :

E

PAGE :

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Volex

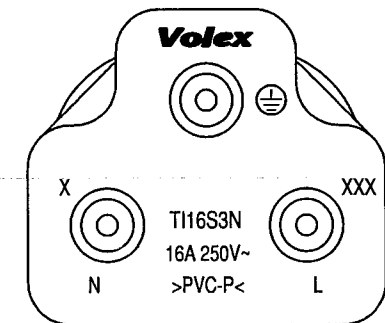
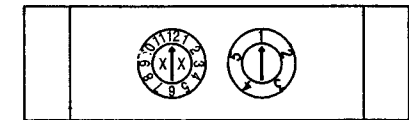
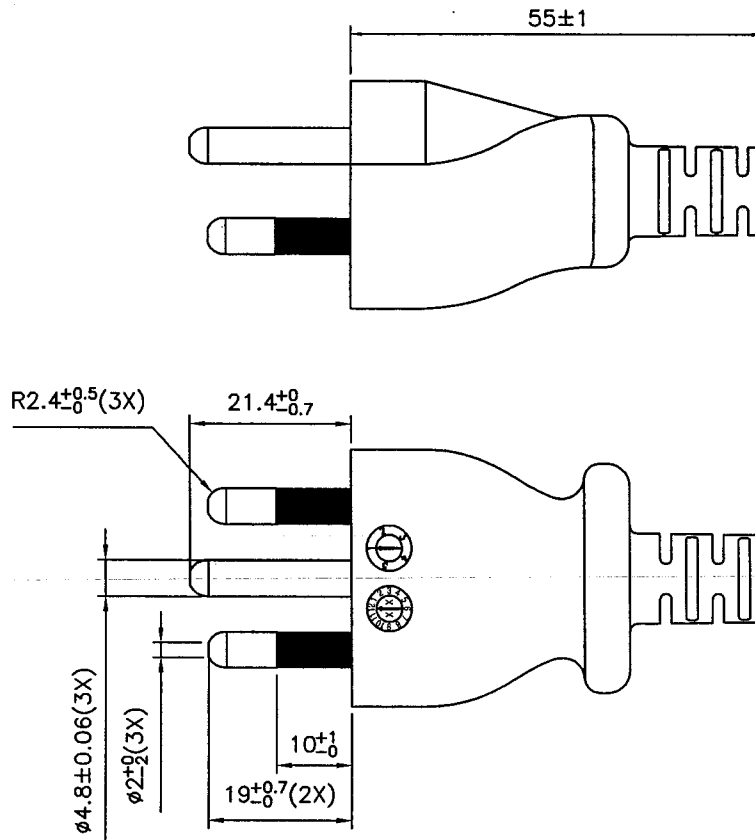
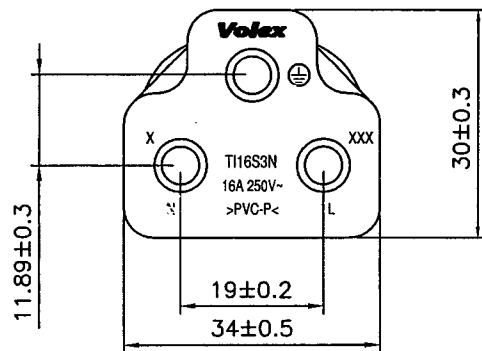
CABLE MARKING

BAO HING(SHENZHEN)

H03W-F 3G0.75mm² <VDE> KEMA-KEUR +++++ <öVE>
CEBEC IEMMEQU SABS 1574 (S) (N) (D) (FI) BAOHING LTSA-3
N14586 CE LF

REV.	DESCRIPTION	DATE
A	INITIAL RELEASE.	02/12/02
B	ADD IN '(EU/SAA/SAB/IEC)' ON TITLE.	24/01/05
	UPDATE FORMAT AS SHOWN.	

DRAWN	CHEVY	24/01/05	FILENAME :	TITLE :
CHECK	<i>Weto</i>	<i>24/1/05</i>	CABLE MARKING/BH	CABLE MARKING (EU/SAA/SAB/IEC)
APPR	<i>Weto</i>	<i>24/1/05</i>	/H03W-F 3X0.75 LF-BH	
SCALE	N.T.S.	REV.	B	
REFERENCE :				 Volex (Asia) Pte Ltd
H03W-F 3G0.75mm ² -LF				Confidential property of Volex. Information contained herein shall not be disclosed to others, reproduced or used for any other purposes except as authorized in writing by an authorized official of volex asia.



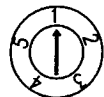
MARKING DETAILS :

NOTE :

- 1.) ALL DIMENSIONS IN mm.
- 2.) X - CAVITY NO. (OPTIONAL)
- 3.) XXX - MANUFACTURING LOCATION.
- 4.) YEAR & MONTH & WEEK CODE INSERT :



YEAR X X
2008 = 08
2009 = 09



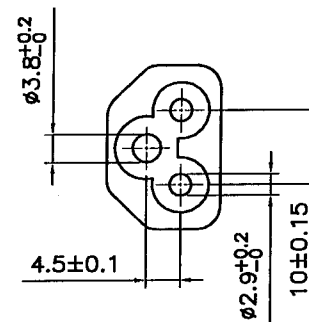
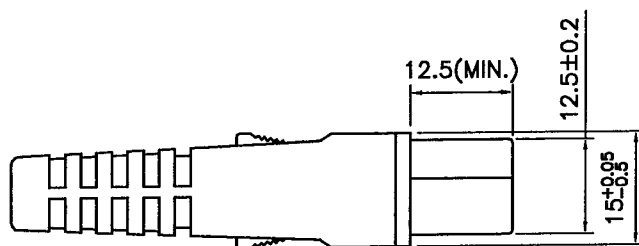
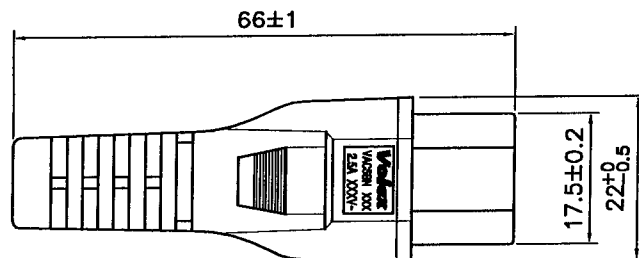
1 ~ 5 - week of the month



HG	HENG GANG (CHINA)	X	DRAWN	HONGYAN	01/03/10	FILE NAME :	TITLE : MOLDED PLUG TI16S3N (TI16S3N-I) (YEAR, MONTH, WEEK CODE)
SM1/SMI	ZHONGSHAN (CHINA)	X	CHECK	<i>hongyan</i>	02/03/10	A-PLUG/NON-APPROVAL /GENERAL/ TI16S3N-I-YMW	
VH	HANOI (VIETNAM)	X	APPR	<i>Wang</i>	2/3/10		
			REV.	C	SCALE	N.T.S.	
B	BATAM (INDONESIA)	X	REFERENCE :				Volex (Asia) Pte Ltd
VC	CHENNAI (INDIA)	X					
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REV.	DESCRIPTION	DATE
	REMOVE THE CLOSED FACTORY FROM MANU.	
B	LOCATION MARK.	15/07/09
C	ADD IN MANU. LOCATION MARK 'SMI'.	01/03/10

REV.	DESCRIPTION	DATE
F	CHANGE '250V' TO 'XXXV'.	13/03/15
G	ADD IN TABLE & UPDATE NOTE 4 AS SHOWN.	03/04/15



Volex
VAC5SN XXX
2.5A XXXV~

MARKING DETAILS:

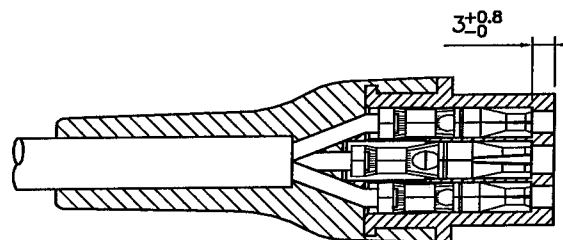
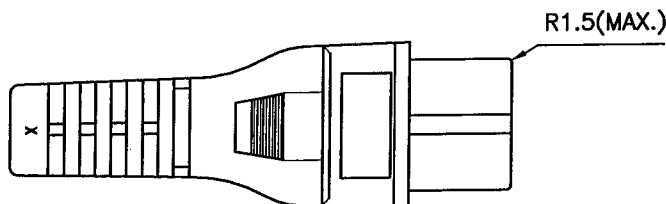


TABLE :

VOLTAGE (XXXV~)	125V~	250V~	✓
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NOTES :

- 1.) ALL DIMENSIONS IN mm.
- 2.) X - CAVITY NO.(OPTIONAL)
- 3.) XXX - MANUFACTURING LOCATION.
- 4.) XXXV~ - VOLTAGE. (REFER TO TABLE)

HG	HENG GANG (CHINA)	X	DRAWN	TRACEY	03/04/15	FILE NAME :	TITLE :
SM1/SMI	ZHONGSHAN (CHINA)	X	CHECK	TRACEY	03/04/15	A-CONN/NON-	MOLDED CONNECTOR
VH	HANOI (VIETNAM)	X	APPR	14-7	3/4/15	APPROVAL/GENERAL/	VAC5SN
B	BATAM (INDONESIA)	X	REV.	G	SCALE	N.T.S.	
VC	CHENNAI (INDIA)	X	REFERENCE :				Volex (Asia) Pte Ltd
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