SPECIFICATION

FOR

EUROPEAN POWER SUPPLY CORDSET (PB FR)

CORD : H05VV-F 3X1.00mm² PVC LEAD FREE

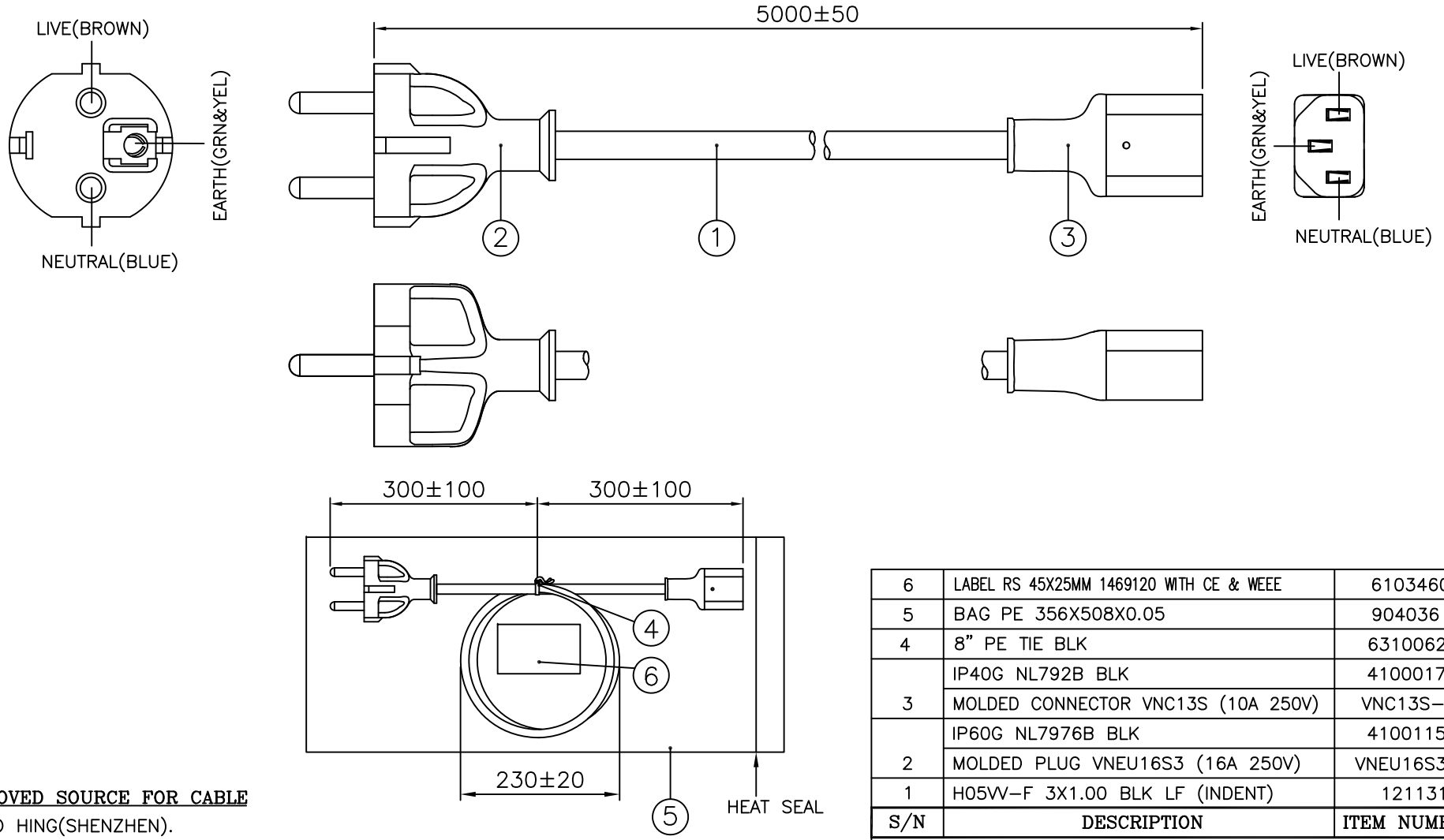
CUSTOMER	: VPE/RS COMPONENTS
CUSTOMER'S PART No.	: 1469120(V-NOVUS SCHUKO-C13 5M)
VOLEX'S SPEC. REF. No.	: 172907/19
ISSUE No.	: 008
DATE	: 02ND DECEMBER 2019

CUSTOMER APPROVED :

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

AMENDMENT RECORD

REF. No.	DESCRIPTION OF CHANGES	DATE
172907/19	(1) FIRST SUBMISSION.	11/09/17
(VPE09-033-17)		
ISSUE : 001		
172907/19	(1) CHANGE CUSTOMER P/N FM. 'VNEU16S3-VNC13S-5.ØM' TO	25/10/17
(VPE10-066-17)	'146912Ø(V-NOVUS SCHUKO-C13 5M)' ON COVER PAGE &	
ISSUE : 002	ASSEMBLY DWG. PAGE.	
	(2) UPDATE CONNECTOR SPEC PAGES.	
172907/19	(1) CHANGE CABLE MARKING FM. 'INK MARK' TO 'INDENTED'	27/11/17
(EVPE11-075-17)	& REMOVE ITEM No. '1210365' FM. ASSEMBLY DWG. PAGE.	
ISSUE : 003	(2) UPDATE PLUG SPEC PAGES.	
172907/19	(1) ADD IN PE BAG '904036' & LABEL 'VL-0538'	24/01/18
(VPE01-073-18)	AS SHOWN ON ASSEMBLY DWG. PAGE	
ISSUE : 004	(2) ADD IN NOTE 5 AS SHOWN ON ASSEMBLY DWG. PAGE.	
	(3) ADD IN LABEL DWG. PAGE.	
172907/19	(1) CHANGE LABEL FM. 'VL-0538' TO 'L-T383' & REMOVE	14/02/18
(EVPE02-104-18)	NOTE 5 FROM ASSEMBLY DWG. PAGE.	
ISSUE : 005	(2) CHANGE LABEL DWG. PAGE.	
172907/19	(1) CHANGE LABEL FM. 'L-T383' TO 'L-T43O' ON ASSEMBLY	31/01/19
(EVPE01-077-19)	DWG. PAGE.	
ISSUE : 006	(2) ADD CABLE ITEM NO. '1211311'	
	ON ASSEMBLY DWG. PAGE.	
	(3) UPDATE LABEL DWG. PAGES.	
	(4) UPDATE CONNECTOR SPEC PAGES.	
172907/19	(1) CHANGE LABEL FM. 'L-T383' TO '6103460' ON	14/03/19
(VPE03-015-19)	ASSEMBLY DWG PAGE.	
ISSUE : 007	(2) CHANGE LABEL DWG. PAGES.	
172907/19	(1) CHANGE LABEL FM. '6103460' TO 'L-0654(6103460)' &	02/12/19
(VPE11-133-19)	UPDATE DESCRIPTION FOR S/N 6 ON ASSEMBLY DWG PAGE.	
ISSUE : 008	(2) CHANGE LABEL DWG. PAGES.	
	(3) UPDATE PLUG & CONN. SPEC PAGES.	



S/N	DESCRIPTION	ITEM NUMBER	QTY
6	LABEL RS 45X25MM 1469120 WITH CE & WEEE	6103460	1
5	BAG PE 356X508X0.05	904036	1
4	8" PE TIE BLK	6310062	1
3	IP40G NL792B BLK	4100017	–
	MOLDED CONNECTOR VNC13S (10A 250V)	VNC13S–V	1
2	IP60G NL7976B BLK	4100115	–
	MOLDED PLUG VNEU16S3 (16A 250V)	VNEU16S3–V	1
1	H05VV–F 3X1.00 BLK LF (INDENT)	1211311	1

TITLE : EUROPEAN POWER SUPPLY CORDSET (PB FR)					SCALE : N.T.S.
CUSTOMER : VPE/RS COMPONENTS					PAGE : 1/1
CUSTOMER PART NUMBER : 1469120(V–NOVUS SCHUKO–C13 5M)					ISSUE 008
Reference Number : 172907/19 (VPE11–133–19)					
SALES :	QA :	ENGRG : ROBIN	CHECKED BY : Allie	DRAWN BY : ALLIE	
Date :	Date :	Date : 02/12/19	Date : 02/12/19	Date : 02/12/19	

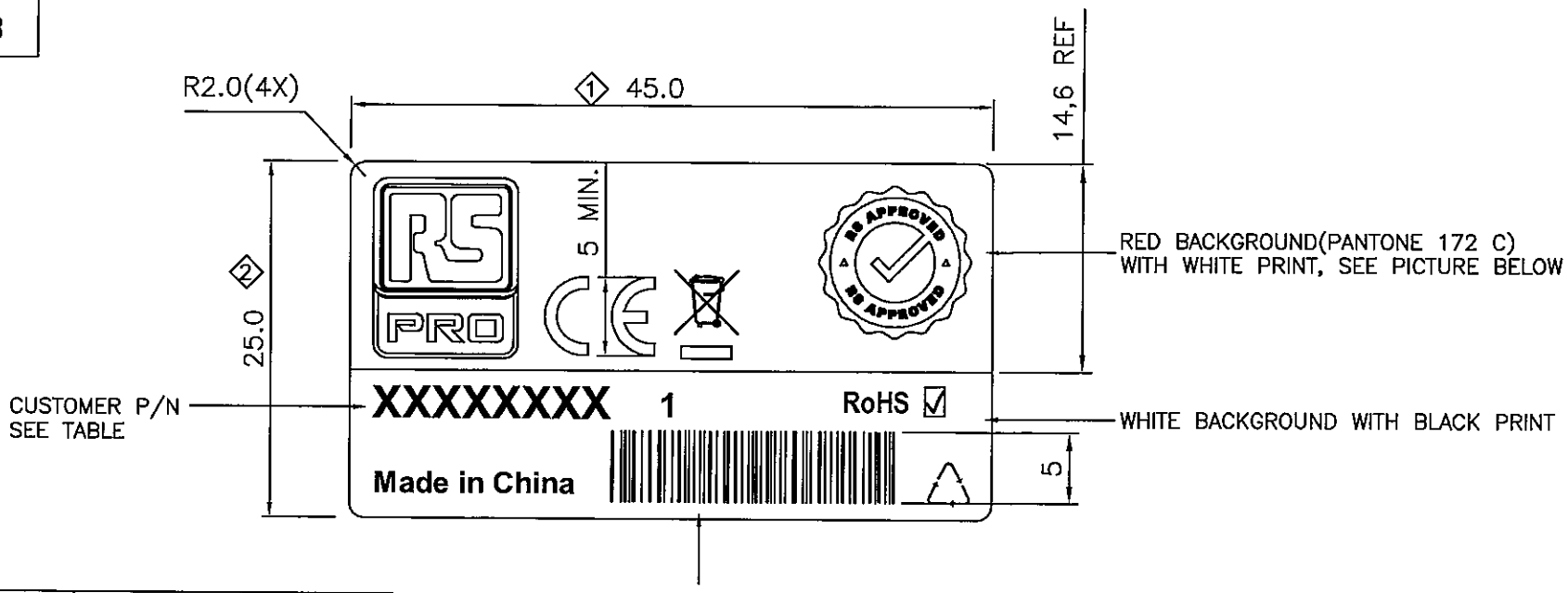
APPROVED SOURCE FOR CABLE

1. BAO HING(SHENZHEN).

NOTE :

1. ALL DIMENSIONS IN mm.
2. THE CORD SHALL COMPLY WITH EN 50525–2–11.
3. THE MOLDED PLUG SHALL COMPLY WITH VARIOUS EUROPEAN COUNTRIES' CONFIGURATION (NATIONAL STANDARD) AND TESTED TO IEC 60884–1.
4. THE MOLDED CONNECTOR SHALL COMPLY WITH IEC 60320–1 OR EN 60320–1.
5. THIS PART CAN BE MANUFACTURED AT ANY LOCATION WHICH HAS SAFETY APPROVAL.

DRAWING NUMBER :	REVISION :
L-0654	B



BARCODE: CODE 128A, SCAN SHOW CUSTOMER P/N

SPECIFICATION :

PRODUCT NO	AW32C9 WITH PP COATING
FACESTOCK MATERIAL	ART PAPER
FACESTOCK THICKNESS	72 uM±10%
FACESTOCK COLOUR	WHITE
FACESTOCK SURFACE FINISH	GLOSSY
ADHESIVE BASE	ACRYLIC EMULSION
SHELF LIFE	1 YEAR

PICTURE FOR COLOUR PRINT

NOTES :

1. ALL DIMENSION IN MM.
2. GENERAL TOLERANCE ±1MM, UNLESS OTHERWISE SPECIFIED.
3. ◇Y CRITICAL DIMENSIONS, WHERE Y IS IN NUMERICAL DIGITS.
4. WHITE BACKGROUND WITH BLACK PRINT.
5. FONT: ARIAL, BOLD.

DRAWN :	ALICE		REV	IMM/ECR	BY	DATE	REV	IMM/ECR	BY	DATE	TITLE : RS LABEL 45X25MM WITH CE & WEEE LOGO				
RELEASED :	22/01/19		A	190190	ALICE	04/04/19									
	SIGN	DATE	B	190589	ALICE	11/11/19									
CHECKED :		11/11/19									ITEM NO.: SEE TABLE	FILENAME : .\LABEL\PREPRINTED\L-0654	SCALE : 2 : 1	PROJ. : THIRD ANGLE	PAGE : 1/2
APPROVED :		11/11/19													

DRAWING NUMBER :	REVISION :
L-0654	B

TABLE (B)

CUSTOMER P/N	ITEM NO.
1247409	6103431-XXXX
1468803	6103441-XXXX
1468804	6103442-XXXX
1469102	6103443-XXXX
1469103	6103444-XXXX
1469104	6103445-XXXX
1469105	6103446-XXXX
1469106	6103447-XXXX
1469107	6103448-XXXX
1469108	6103449-XXXX
1469109	6103450-XXXX
1469110	6103451-XXXX
1469111	6103452-XXXX
1469112	6103453-XXXX
1469114	6103454-XXXX
1469115	6103455-XXXX
1469116	6103456-XXXX
1469117	6103457-XXXX
1469118	6103458-XXXX
1469119	6103459-XXXX
1469120	6103460-XXXX
321180	6103473-XXXX
321196	6103474-XXXX

CUSTOMER P/N	ITEM NO.
321203	6103475-XXXX
321219	6103476-XXXX
426424	6103478-XXXX
531100	6103479-XXXX
531116	6103480-XXXX
6151154	6103481-XXXX
6151176	6103482-XXXX
6151182	6103483-XXXX
6266593	6103484-XXXX
6266600	6103485-XXXX
6266616	6103486-XXXX
6266688	6103489-XXXX
6266694	6103490-XXXX
6266701	6103491-XXXX
6266717	6103492-XXXX
6266723	6103493-XXXX
6266745	6103494-XXXX
7316157	6103495-XXXX
7316166	6103497-XXXX
7316175	6103498-XXXX
7316201	6103499-XXXX
7316208	6103500-XXXX
7440925	6103501-XXXX

CUSTOMER P/N	ITEM NO.
7440929	6103502-XXXX
7440931	6103503-XXXX
7440935	6103504-XXXX
7440941	6103505-XXXX
8188903	6103507-XXXX
8188909	6103508-XXXX
8188912	6103509-XXXX
8188915	6103510-XXXX
8188919	6103511-XXXX
9010753	6103512-XXXX
9092156	6103513-XXXX
9092168	6103516-XXXX
9092171	6103517-XXXX
9092174	6103518-XXXX
9092178	6103519-XXXX
9092184	6103521-XXXX
9092193	6103524-XXXX
445 740	6103528-XXXX
449 297	6103529-XXXX
449 326	6103530-XXXX
815 846	6103531-XXXX
268 2610	6103532-XXXX
311 9315	6103533-XXXX
262 1126 0001	6103535-XXXX

CUSTOMER P/N	ITEM NO.
262 1154 0001	6103536-XXXX
262 1160 0001	6103537-XXXX
262 1176 0001	6103538-XXXX
262 1182 0001	6103539-XXXX
680 3798 0001	6103540-XXXX
426 373 0001	6103541-XXXX
426 389 0001	6103542-XXXX
426 395 0001	6103543-XXXX
426 402 0001	6103544-XXXX
426 418 0001	6103545-XXXX
452 669 0001	6103546-XXXX
487 277 0001	6103547-XXXX
487 277 0010	6103548-XXXX
489 201 0001	6103549-XXXX
489 217 0001	6103550-XXXX
489 346 0001	6103551-XXXX
489 352 0001	6103552-XXXX
490 217 0001	6103553-XXXX
490 223 0001	6103554-XXXX
490 239 0001	6103555-XXXX
490 245 0001	6103556-XXXX
311-9321-0000	6103557-XXXX
311-9337-0000	6103558-XXXX
311-9359-0000	6103559-XXXX

DRAWN :	ALICE		REV	IMM/ECR	BY	DATE	REV	IMM/ECR	BY	DATE
RELEASED :	22/01/19		A	190190	ALICE	04/04/19				
	SIGN	DATE	B	190589	ALICE	11/11/19				
CHECKED :		11/11/19								
APPROVED :		11/11/19								

TITLE : RS LABEL 45X25MM WITH CE & WEEE LOGO				
ITEM NO.: SEE TABLE	FILENAME : ..\LABEL\PREPRINTED\L-0654	SCALE : 2 : 1	PROJ. : THIRD ANGLE	PAGE : 2/2

REV.	DESCRIPTION	DATE
I	REMOVE INSULATION COLOR 'BLUE, BROWN, BLACK'	
	FM. REV. H PER HD STANDARD.	01/09/06
J	CHANGE THE COMPLIANCE STANDARD	
	PER SAFETY.	
	UPDATE FORMAT AS SHOWN.	23/12/13

1. PVC FLEXIBLE CORD

1.1 SCOPE

This specification shall be in accordance with EN 50525-2-11. ⚠1

1.2 CONSTRUCTION

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

ITEM		UNIT	SPEC. VALUE
TEMPERATURE RATING		°C	70
RATED VOLTAGE		V	300/500
NO. OF CORE		NO.	3
CONDUCTOR NOMINAL AREA		mm^2	1.00
MIN. AVE. THICKNESS OF INSULATION		mm	0.60
MIN. THICKNESS AT ANY POINT OF INSULATION		mm	0.44
MIN. AVE. THICKNESS OF JACKET		mm	0.80
MIN. THICKNESS AT ANY POINT OF JACKET		mm	0.58
OVERALL DIAMETER OF JACKET		mm	6.3~8.0
DIELECTRIC-STRENGTH TEST IMMERSED IN WATER, 20±5°C FOR MINIMUM 1HR	ON COMPLETED CABLE	–	2000 V FOR 15 MINS (MINIMUM)
	ON CORES	–	1500 V FOR 5 MINS (MINIMUM)
VOLTAGE TEST (D.C)		–	2000 Va.c FOR 5 MINS (MINIMUM) OR 5000 Vd.c FOR 5 MINS (MINIMUM)
INSULATION RESISTANCE TEST (70°C)		MΩ km	> 0.01
CONDUCTOR RESISTANCE TEST (20°C)		Ω /km	<= 19.5

TITLE : CABLE SPECIFICATION
EUROPEAN APPROVED POWER SUPPLY CABLE
H05VV-F 3X1.00mm²

SPEC NO. :	APPROVED BY :	CHECKED BY :	DRAWN BY :	REVISION :
CS-048EU		HONGYAN	HONGYAN	J
	DATE : 30/12/13	DATE : 27/12/13	DATE : 23/12/13	PAGE : 1/1

REV.	DESCRIPTION	DATE
A	INITIAL RELEASE.	12/10/02
B	UPDATE MARKING DETAILS. UPDATE THE FORMAT AS SHOWN. ADD IN '(EU/SAA/SAB/IEC)' ON THE TITLE.	19/01/05

CABLE MARKING

BAO HING (SHENZHEN)

△B :- H05VV-F 3G1.0mm² ◁VDE▷ KEMA-KEUR +ᔕ +ᔕ +ᔕ
◁ÖVE▷ CEBEC IEMMEQU SABS 1574 Ⓢ Ⓝ Ⓓ Ⓕ
BAOHING GTSA-3 N14586 CE LF

DRAWN	LI XF	19/01/05	FILENAME :	TITLE : CABLE MARKING (EU/SAA/SAB/IEC) △B
CHECK		19/1/05	CABLE MARKING/ BH/H05/H05W-F 3X1.0 LF- BH	
APPR		19/01/05		
SCALE	N.T.S.	REV.	B	

REFERENCE :
H05VV-F 3X1.0mm² LF

2. PLUG

REV	DESCRIPTION	DATE
AD	ADD IN CATALOGUE 'VNBEU16S3'.	15/07/19
AE	ADD IN CATALOGUE 'VNBEU16A3'.	28/08/19

2.1. SCOPE

The plug shall be in accordance with various European countries' configuration (national standard) and tested to IEC 60884-1 "Plugs and socket-outlets for household and similar. purposes - Part 1: General requirements.

2.2. CONSTRUCTION

The plug construction shall comply with our catalogue No: M3204, EUH16S2, MP2210,EUC6, M2511, M2511A, EU10SC3, EU16VS2 , EU16VJS2, EU16CS3, PH16CS3,PH16HA3, EU16CA3, EU16DS2, EU16DJS2, EU16JS2, VPEU16S3, GPEU16S3,VPEU16S2, DS16CS2, APEU16S3 , APEU16BS3G, DS16ES2, APEU16CS3, APEU16CS3G, DLEU16S3, LSEU16THA3, VNEU16S3, VNEU16A3,CSEU16S3,VNBEU16S3 ***& VNBEU16A3***

2.3. CHARACTERISTICS

NO.	TEST ITEM	DESCRIPTION	ACCEPTANCE CRITERIA
1.	Moisture resistance test	Samples are kept in a humidity cabinet containing air with a relative humidity between 91 to 95% and a temperature of 20°C-30°C for a duration of 48 hours.	No damage
2.	Electric strength test	A voltage of A.C 2000V with a trip current of min. 100mA is applied for 1 min after the moisture resistance test.	No flashover and breakdown
3.	Insulation resistance test	This test is measured after 1 min. application of D.C 500V after the moisture resistance test.	Min. 5 M Ohm
4	Pressure test	The plug is pressed with a force of 150N for 5 minutes.	The plug shall not have been deformed.
5.	Temperature rise test	An alternating current of 10A (0.75mm^2), 12A (1mm^2) or 16A (1.5mm^2) is passed through poles for 1 hour.	The temperature rise at any points shall not exceed 45°C.
6.	Bending test	The sample shall be loaded with a weight of 10N for 0.75mm^2 or 20N for 1.00mm^2 and bigger and the oscillating member shall be moved backward and forward through an angle of 90° (45° on either side of the vertical) the number of flexing being 10,000.A current of 10A (0.75mm^2) or 16A (1.0mm^2 and above) is passed through the conductors.	No damage and the voltage drop shall not exceed 10mV.
7	Pin pull test	A pull force of 50N is applied on the pins (in turn) after the plug has been aged for 1 hour at 70°C.	The displacement of the pin shall not be more than 1 mm.

DRAWN:	PEIYUAN	28/08/19	TITLE : EUROPEAN PLUG (IEC 60884-1)
CHECK:	Peiyuan	28/08/19	
APPR:	ROBIN	28/08/19	
REV:	AE		
REFERENCE:			

NO.	TEST ITEM	DESCRIPTION	ACCEPTANCE CRITERIA
8	Tumbling test	The samples are dropped from a height of 50cm onto a steel plate (3mm thick) for a total of 1000 times. A torque of 0.4Nm is applied in one direction for 1 min. first then follow by the other direction for another min. on the pins.	No damage and the pins shall not turn.
9	Cold impact test	The samples are kept in a refrigerator at a temperature of - 15±2°C for at least 16 hours. The samples are then allowed to fall by the hammer (1000g) from a height of 10cm.	No damage
10	Heat deformation test	The samples are kept for 1 hour in a heating cabinet at temperature of 100±5°C.	No damage
11	Heat pressure test	The samples are applied 20N (2.04kg) at a temperature of 80±2°C for 1 hour.	No damage
12	Ageing test	The samples are kept for 168 hours in a heating cabinet at temperature of 70±2°C.	No damage
13	Pressure test II	The samples are applied 300N (30.6kg) at a temperature of 20±2°C for 1 min.	No damage
14	Cord-anchorge test	The cord is subjected to pulls of 50N (2.5A) or 60N (10/16A) force 100 times without jerk each lasting 1 sec.Thereafter the cord is subjected to a torque of 0.15Nm (2 core 0.75mm^2) or 0.25Nm (others) for 1 min.	The cord shall not be damaged and shall not been displaced by more than 2mm.
15	Ball pressure test	A steel ball of 5mm in diameter is applied with 20N force on the sample at a temperature of 125±5°C for 1 hour on the insert.. The sample is than cooled by cold water.	The diameter of the impression shall not exceed 2mm.
16	Glow wire test	The tip of the glow wire heated electrically to 750±10°C shall be applied at the portion between the current-carrying pins and for a period of 30s. For all other parts, the wire is heated to 650±10°C.	Any flame and glowing shall extinguish within 30s after the removal of the glow-wire. There shall be no ignition of the tissue papernor sorching of the board.

DRAWN:	PEIYUAN	28/08/19	TITLE : EUROPEAN PLUG (IEC 60884-1)
CHECK:	Peiyuan	28/08/19	
APPR:	ROBIN	28/08/19	
REV:	AE		
REFERENCE:			

REV	DESCRIPTION	DATE
BC	ADD IN CATALOGUE NO. VSCC21.	21/06/19
BD	ADD IN CATALOGUE NO. VNBC13S.	03/07/19

3. CONNECTOR

3.1. SCOPE

The connector shall be in accordance with IEC 60320-1 or EN 60320-1, Test specification - appliance couplers.

3.2. CONSTRUCTION

The connector construction shall comply with our catalogue No: VAC5S, APC5A, APC5S, APC5M, VAC5AR, APC5SM, DLC5A3, V1625, V1625A, VAC19, VAC17S, VSCC13, AVLC13, APC13, APC13S, VSC19, V1625LA, VAC19A, VSCC15, APC5SP, APC13F, V1625BS, APC13G, VAC13A, VAC13S, PIC17S, VIC13A, DLC5U3, VAC13KS,SOC5S, V1625H, VAC19KS, DLC5E3, HPC13A, V1625AT, VAC17A, APC5SF, VCC13, VCC5S, APC13H, VCC17S, VAC19H, APC13FH, APC13HC, VAC17KS, DLC5CS3, VNC13S, HWC13U, VNC5S, VNC13A, VAC19LA, VAC13AD, MS225A, VNC21S, VAC5ALS , VSCC21A, VSCC21 & **VNBC13S.** "All connectors complying to Standard Sheet C5, C13, C15, C15A, C17, C19 and C21"

3.3. CHARACTERISTICS

NO.	TEST ITEM	DESCRIPTION	ACCEPTANCE CRITERIA
1.	Moisture resistance test	Samples are kept in a humidity cabinet containing air with a relative humidity between 91 to 95% and a temperature of 20°C-30°C for a duration of 48 hours.	No damage
2.	Electric strength test	Voltages of 3000V±60V and 1500V±60V, with min. trip current of 100mA is applied for 60s±5s between current-carrying contacts and body and between each contacts respectively after the moisture resistance tests.	No flashover and breakdown
3.	Insulation resistance test	This test is measured with a D.C 500V after the moisture resistance test.Readings are taken after 60s ± 5s of application of voltage.	Min. 5 M Ohm
4.	Withdrawal force test	i) Min. 1.5N (2N for 16A) - A single pin made to the minimum dimension is inserted into the connector. The pin, together with the weight should exert a force of 1.5N (2N for 16A connector). Each individual pole of the connector is tested seperately. ii) Max. 50N (60N for 16A) - Insert and withdraw the connector from a socket having pin dimension to the maximum and shroud dimension to the minimum for 10 times.The connector is then inserted again into the socket hang with a total weight of 50N(60N for 16A).The weight consist of a principal weight which is 90% of the total weight and a supplementary weight of 10%. The test is repeated for hot connector with temperature of 120°C±2°C on the pins.	i) The pin with the weight should not be withdrawn from the connector for more than 3 seconds. ii) The connector shall be withdrawn from the socket. If not the supplementary weight is lifted from a height of 5cm and drop. The connector must be withdrawn. The test is repeated after temperature rise test.

DRAWN:	WANGHUI	03/07/19	TITLE: EUROPEAN & BRITISH APPLIANCE COUPLERS
CHECK:	Hui	03/07/19	
APPR:	keith	03/07/19	
REV:	BD		
REFERENCE:			

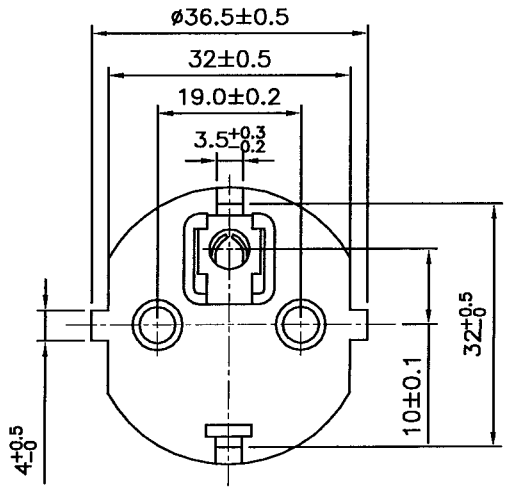
NO.	TEST ITEM	DESCRIPTION	ACCEPTANCE CRITERIA
5.	Glow wire test	Glow wire is applied for 30s with temperature of 750ºC on inserts and housings retaining contacts and 650ºC on elsewhere.	Flame (if any) shall be self-extinguished within 30s . upon the removal of the glow wire and molten droplets shall not ignite paper.
6.	Bending test	The sample shall be loaded with a weight of 10N for 0.75mm^2 or 20N for 1.00mm^2 or bigger and the oscillating member shall be moved backward and forward through an angle of 90°(45° on either side of the vertical) the number of flexing being 20,000.A rated current is applied. For round cord, the sample is turned 90 degree around the axis of cable after 10,000 cycles. The flexing is further completed in this axis. Flat cable is flexed only along the bigger axis of the cable.	There shall be no complete breakage of any of the conductor. Broken conductor shall not have pierced the insulation.
7.	Tumbling test	The sample is dropped from a height of 50cm onto a steel plate(3mm thick) for a total of 500 times.	No damage to impair further use of connector.
8.	Breaking capacity test	The connector is connected and disconnected 50 times (100 strokes) with the inlet at a rate of 30 strokes per minute with 275V and 1.25 times of rated current.	No flashover or sustained arcing during the test and no damage to impair further use of connector.
9.	Normal operation test	Test is similar to breaking capacity except that the test voltage is 250V with the connector connnected and disconnected with the inlet for 1000 times (2000 strokes) with rated current and 3000 times (6000 strokes) without current.	Withstand electric strength at 1500V for 1 min, and show no damage.
10.	Temperature rise test	An alternating current at 1.25 times rated current is passed through the current carrying contacts for 1 hour.This is repeated for connector with earth contact passing current between earth and each of the current carrying contacts.	The temperature rise shall not exceed 45K.
11.	Cord-anchorage test	The cord is subjected to pulls of 50N(2.5A) or 60N(others) for 100 times each time for 1 sec. without jerk.Thereafter the cord is subjected for 1 min. to a torque of 0.15Nm(0.75mm^2) or 0.25Nm(others).	The cord shall not be damaged and shall not been displaced by more than 2mm.
12.	Heat deformation test	Samples are kept for 1 hour in a heating cabinet at temperature of 100±2°C.	No damage to impair further use of connector.
13.	Heat pressure test	A pressure of 20N is applied at a temperature of 100°C ± 2°C for 1 hour.	No damage to impair further use of connector.

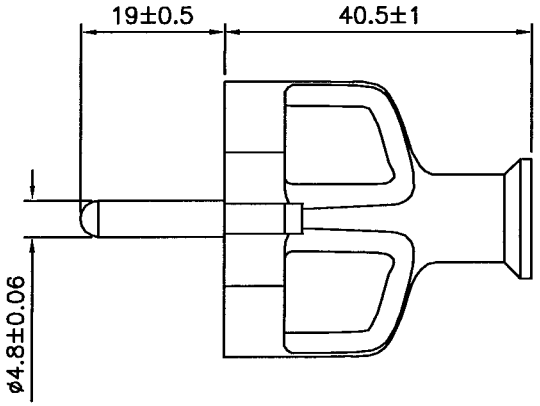
DRAWN:	WANGHUI	03/07/19	TITLE: EUROPEAN & BRITISH APPLIANCE COUPLERS
CHECK:	Hui	03/07/19	
APPR:	keith	03/07/19	
REV:	BD		
REFERENCE:			

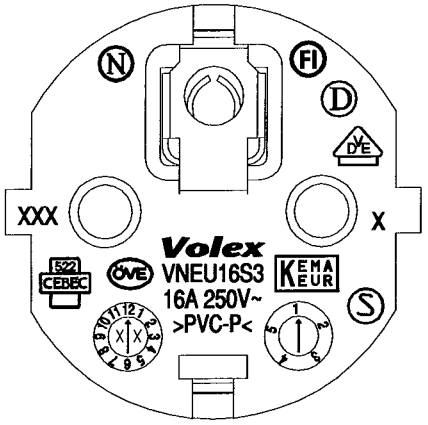
NO.	TEST ITEM	DESCRIPTION	ACCEPTANCE CRITERIA
14.	Aging test	The samples are kept for 168 hours in a heating cabinet at a temperature of 80±2°C.	No damage & marking shall be legible.
15.	Ball pressure test	A ball of 5mm in diameter is applied on the connector with the following temperature with 20N force for 1 hour. i) 125°C for hot connectors. ii) 125°C for parts retaining current carrying parts and earth circuit. iii) 75°C for other parts for cold connector. The connector is then cooled down to room temperature with cold water.	The diameter of the impression shall not exceed 2mm.

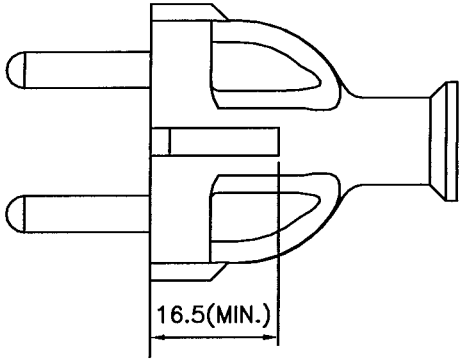
DRAWN:	WANGHUI	03/07/19	TITLE: EUROPEAN & BRITISH APPLIANCE COUPLERS
CHECK:	Hui	03/07/19	
APPR:	keith	03/07/19	
REV:	BD		
REFERENCE:			

REV.	DESCRIPTION	DATE
A	INITIAL RELEASE.	20/05/15









MARKING DETAILS :

NOTE :

1.) ALL DIMENSIONS IN mm.

2.) X – CAVITY NO. (OPTIONAL)

3.) XXX – MANUFACTURING LOCATION.

HG	HENG GANG (CHINA)	
SM1/SMI	ZHONGSHAN (CHINA)	X
VH	HANOI (VIETNAM)	
B	BATAM (INDONESIA)	
VC	CHENNAI (INDIA)	

MANUFACTURE LOCATION MARK
(' X ' IS APPLICABLE ONLY)

DRAWN	TIAN SHUO	20/05/15	FILE NAME : A–PLUG/EURO/GENERAL/VNEU16S3–EURO
CHECK	Tianshuo	20/05/15	
APPR	Feng	20/05/15	
REV.	A	SCALE	N.T.S.

REFERENCE :

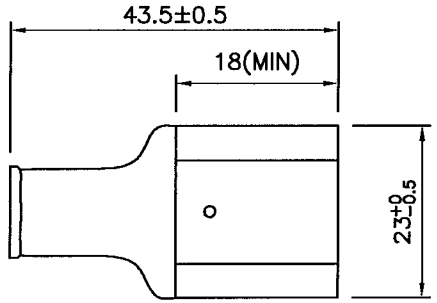
EUROPEAN APPROVAL

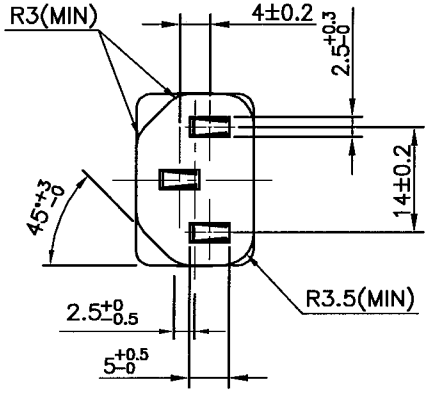
TITLE :

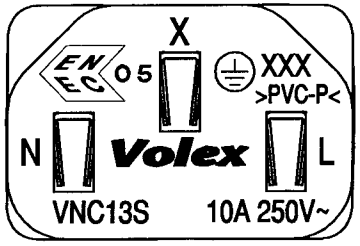
MOLDED PLUG

VNEU16S3

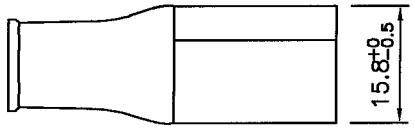
REV.	DESCRIPTION	DATE
A	INITIAL RELEASE.	13/04/15

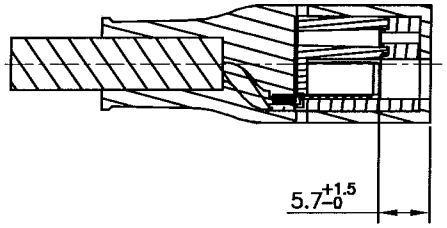






MARKING DETAILS :





NOTES :

1.) ALL DIMENSIONS IN mm.
2.) X – CAVITY NO. (OPTIONAL)
3.) XXX – MANUFACTURING LOCATION

HG	HENG GANG (CHINA)	
SM1/SMI	ZHONGSHAN (CHINA)	X
VH	HANOI (VIETNAM)	
B	BATAM (INDONESIA)	
VC	CHENNAI (INDIA)	

MANUFACTURE LOCATION MARK
(' X ' IS APPLICABLE ONLY)

DRAWN	LI XIA	13/04/15	FILE NAME :	TITLE :
CHECK	[illegible]	13/04/15	A-CONN/EURO/ GENERAL/ VNC13S-ENEC	MOLDED CONNECTOR VNC13S
APPR	[illegible]	13/4/15		
REV.	A	SCALE	N.T.S.	

REFERENCE :

EUROPEAN APPROVAL
(ENEC)