SPECIFICATION

FOR

EUROPEAN POWER SUPPLY CORDSET (PB FR)

CORD : H05VV-F 3X0.75mm² PVC LEAD FREE

CUSTOMER : VPE/RS COMPONENTS

CUSTOMER'S PART No. : 1469118(V-NOVUS SCHUKO-C13 1M)

VOLEX'S SPEC. REF. No.: 172907/17

ISSUE No. : 007

DATE : 25TH JANUARY 2021

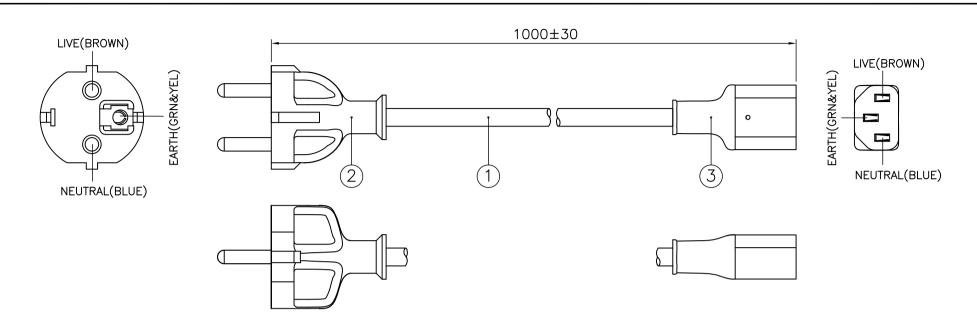
CUSTOMER APPROVED :

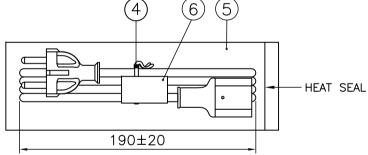
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AMENDMENT RECORD

REF. No.	DESCRIPTION OF CHANGES	DATE
172907/17	(1) FIRST SUBMISSION.	11/09/17
(VPE09-031-17)		
ISSUE : 001		
172907/17	(1) CHANGE CUSTOMER P/N FM. 'VNEU16S3-NVC13S-1.ØM'	30/10/17
(VPE10-064-17)	TO '1469118(V-NOVUS SCHUKO-C13 1M)' ON COVER &	
ISSUE : 002	ASSEMBLY DWG. PAGES.	
172907/17	(1) CHANGE CABLE MARKING FM. 'INK MARK' TO 'INDENTED'	30/11/17
(EVPE11-056-17)	& REMOVE ITEM No. '1210334' FM. ASSEMBLY DWG. PAGE.	
ISSUE : 003		
470007 (47	(4) ADD IN DE DAG (2004000) A LADEL (14 0570)	/ /
172907/17	(1) ADD IN PE BAG '904028' & LABEL 'VL-0538' AS SHOWN ON ASSEMBLY DWG. PAGE	25/01/18
(VPE01-054-18)	(2) ADD IN NOTE 6 AS SHOWN ON ASSEMBLY DWG. PAGE.	
1550E : 004	(3) ADD IN LABEL DWG. PAGE.	
	(3) ADD IN LABEL DWG. PAGE.	
172907/17	(1) CHANGE LABEL FM. 'VL-0538' TO 'L-T383' & REMOVE	12/02/18
(EVPE02-117-18)		12/ 32/ 13
ISSUE: 005	(2) CHANGE LABEL DWG. PAGE.	
172907/17	(1) CHANGE LABEL FM. 'L-T383' TO '6103458' ADD CABLE ITEM NO.	26/11/19
(VPE11-146-19)	'1210334' & REMOVE 'VOLEX-VDEBH-016-W' ON ASSEMBLY DWG. PAGE.	
ISSUE: 006	(2) CHANGE LABEL DWG. PAGES FM. 'L-T383' TO 'L-0654'.	
	(3) UPDATE PLUG & CONN. SPEC. PAGES.	
172907/17	(1) ADD CABLE ITEM NO. '1210892' ON ASSEMBLY DWG. PAGE.	25/01/21
(VPE01-063-21)	(2) UPDATE LABEL DWG. PAGES.	
ISSUE: 007	(3) UPDATE CONN. SPEC. PAGES.	





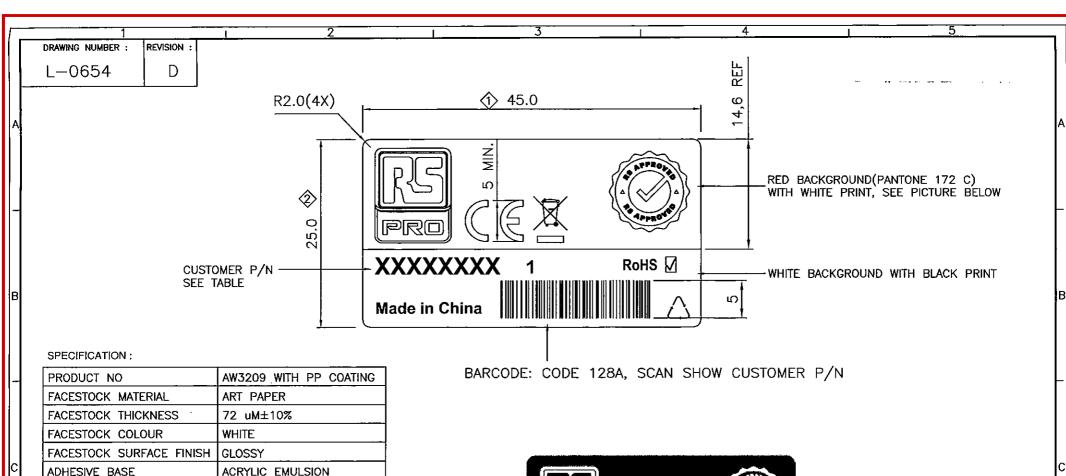
APPROVED SOURCE FOR CABLE

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.

6	LABEL RS 45	LABEL RS 45X25MM 1469118 WITH CE & WEEE 6103458						
5	BAG LDPE	283X114XC	.05 PRT		904028		1	
4	PE TIE BLK	(REEL)			6310101		1X152MM	
	IP40G NL79	2B BLK			4100017		-	
3	MOLDED COI	NNECTOR V	NC13S (10	A 250V)	VNC13S-\	/	1	
	IP60G NL79	76B BLK			4100115		_	
2	MOLDED PL	UG VNEU1	6S3 (16A	250V)	VNEU16S3	-V	1	
1	H05W-F 3X	0.75 BLK L	F (INDENTE	D)	1210892		1	
S/N		DESCRI	PTION		ITEM NUMB	ER	QTY	
TITLE :	EUROP	EAN POWE	R SUPPLY	CORDSET	(PB FR)	SCA	LE : N.T.S.	
CUSTOME	R: VPE/R	S COMPON	ENTS			PAG	E: 1/1	
CUSTOME	CUSTOMER PART NUMBER: 1469118(V-NOVUS SCHUKO-C13 1M)							
Referenc	eference Number: 172907/17 (VPE01-063-21)						007	
SALES :	QA :	ENGRG:	CHECKED BY:	DRAWN BY :		•		
Date :	Date :	Date : 28/01/21		Date : 25/01/21	_			



NOTES :

SHELF LIFE

- 1. ALL DIMENSION IN MM.
- 2. GENERAL TOLERANCE ±1MM, UNLESS OTHERWISE SPECIFIED.
- 3. Y CRITICAL DIMENSIONS, WHERE Y IS IN NUMERICAL DIGITS.

1 YEAR

- 4. WHITE BACKGROUND WITH BLACK PRINT.
- 5. FONT: ARIAL, BOLD.



PICTURE FOR COLOUR PRINT

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$\ $	DRAWN:	ALICE		REV	IMM/ECR	ВҮ	DATE	REV	IMM/ECR	BY	DATE	TITLE:		T 1000				
1	RELEASED:	22/01/19		Α	190190	ALICE	04/04/19					RS LABEL 45X25	MM WITH CE & WEE	LE LUGO			}	+
		SIGN	DATE	В	190589	ALICE	11/11/19					ITEM NO.:	FILENAME :	SCALE:	PROJ.:	PAGE:		
	CHECKED:	Alice	26/10/20	Æ	200231	ALICE	18/05/20				L	SEE TABLE	 .\label\preprinted\l=0654	2 · 1	♦€	1/2		
	APPROVED:		10.10.2	<u></u> βD	200600	ALICE	26/10/20					022 11,022	TO DEE (THE THINES (E. 656)		THIRD ANGLE	.,-		_
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rorm Number : 4)-ENG-057-FM000(B)

DRAWING NUMBER: REVISION: L - 0654D **TABLE** ITEM NO. CUSTOMER P/N ITEM NO. CUSTOMER P/N ITEM NO. CUSTOMER P/N ITEM NO. CUSTOMER P/N 531100 6103479-XXXX 426 395 0001 6103543-XXXX 1247409 6103431-XXXX 8188909 6103508-XXXX 1468803 6103441-XXXX 531116 6103480-XXXX 426 402 0001 6103544-XXXX 8188912 6103509-XXXX 1468804 6103442-XXXX 6151154 6103481-XXXX 8188915 6103510-XXXX 426 418 0001 6103545-XXXX 6151176 6103482-XXXX 452 669 0001 6103546-XXXX 1469102 6103443-XXXX 8188919 6103511-XXXX 1469103 6103444-XXXX 6151182 6103483-XXXX 9010753 6103512-XXXX 487 277 0001 6103547-XXXX 6103484-XXXX 9092156 6103513-XXXX 1469104 6103445-XXXX 6266593 487 277 0010 6103548-XXXX 1469105 6103446-XXXX 6266600 6103485-XXXX 9092168 6103516-XXXX 489 201 0001 6103549-XXXX 9092171 6103517-XXXX 1469106 6103447-XXXX 6266616 6103486-XXXX 489 217 0001 6103550-XXXX 6103551-XXXX 1469107 6103448-XXXX 6266672 6103488-XXXX 9092174 6103518-XXXX 489 346 0001 1469108 6103449-XXXX 6266688 6103489-XXXX 9092178 6103519-XXXX 489 352 0001 6103552-XXXX 6103450-XXXX 1469109 6266694 6103490-XXXX 9092184 6103521-XXXX 490 217 0001 6103553-XXXX 1469110 6103451-XXXX 6266701 6103491-XXXX 9092193 6103524-XXXX 490 223 0001 6103554-XXXX 445 740 6103528-XXXX 1469111 6103452-XXXX 6266717 6103492-XXXX 490 239 0001 6103555-XXXX 449 297 6103529-XXXX 490 245 0001 1469112 6103453-XXXX 6266723 6103493-XXXX 6103556-XXXX 6103530-XXXX 449 326 1469114 6103454-XXXX 6266745 6103494-XXXX 311-9321-0000 6103557-XXXX 815 846 6103531-XXXX 7316157 6103495-XXXX 311-9337-0000 6103558-XXXX 1469115 6103455-XXXX 268 2610 6103532-XXXX 1469116 6103456-XXXX 7316166 6103497-XXXX 311-9359-0000 6103559-XXXX 7316175 6103498-XXXX 311 9315 6103533-XXXX 1230935 6103686-XXXX 1469117 6103457-XXXX 1469118 6103458-XXXX 7316201 6103499-XXXX 262 1126 0001 6103535-XXXX 1230938 6103687-XXXX 1230951 7316208 6103500-XXXX 262 1154 0001 6103536-XXXX 6103688-XXXX 1469119 6103459-XXXX 6103460-XXXX 7440925 6103501-XXXX 262 1160 0001 6103537-XXXX 1230952 6103689-XXXX 1469120 321180 6103473-XXXX 7440929 6103502-XXXX 262 1176 0001 6103538-XXXX 1230953 6103690-XXXX 6103539-XXXX 321196 6103474-XXXX 7440931 6103503-XXXX 262 1182 0001 6151160 6103691-XXXX 321203 7440935 680 3798 0001 6103540-XXXX 6103475-XXXX 6103504-XXXX 6266751 6103692-XXXX 321219 6103476-XXXX 426 373 0001 6103541-XXXX 7316153 7440941 6103505-XXXX 6103693-XXXX 426424 6103478-XXXX 426 389 0001 6103542-XXXX 7440922 6103694-XXXX 8188903 6103507-XXXX DATE REV IMM/ECR DRAWN: ALICE REV IMM/ECR ΒY BY DATE TITLE: RS LABEL 45X25MM WITH CE & WEEE LOGO 190190 ALICE 04/04/19 RELEASED: 22/01/19 SIGN DATE В 190589 ALICE 11/11/19 PROJ.: ITEM NO.: FILENAME: SCALE: PAGE: 26/10/20 C ALICE 18/05/20 200231 ⊕⊖ **CHECKED:** SEE TABLE .\LABEL\PREPRINTED\L-0654 2:1 2/2 THIRD ANGLE 200600 ALICE 26/10/20 **APPROVED** 21.00M D 4 3 Т 5 ENC 057 FM006(B) Form Number (

REV.	DESCRIPTION	DATE
Ε	UPDATE VALUES AS PER PRODUCT SAFETY.	28/07/04
	CHANGE THE COMPLIANCE STANDARD	
	PER SAFETY.	
F	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. \triangle

1.2 CONSTRUCTION

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

ITEM		UNIT	SPEC. VALUE
TEMPERATURE RATING		•c	70
RATED VOLTAGE		V	300/500
NO. OF CORE		NO.	3
CONDUCTOR NOMINAL A	REA	mm ²	0.75
MIN. AVE. THICKNESS C	F INSULATION	mm	0.60
MIN. THICKNESS AT ANY PO	OINT OF INSULATION	mm	0.44
MIN. AVE. THICKNESS C	F JACKET	mm	0.80
MIN. THICKNESS AT ANY POIN	NT OF JACKET	mm	0.58
OVERALL DIAMETER OF JACK	ET	mm	6.0~7.6
DIELECTRIC-STRENGTH TEST IMMERSED IN WATER 20±5°C	ON COMPLETED CABLE	_	2000V for 15 mins.(minimum)
FOR MINIMUM 1 HOUR	ON CORES	_	1500V for 5 mins.(minimum)
V017105 TEOT (D.0)		_	5000V d.c. for 5 mins.(minimum)
VOLTAGE TEST (D.C)			2000V a.c. for 5 mins.(minimum)
INSULATION RESISTANCE	E TEST (70°C)	MΩ km	>0.011
CONDUCTOR RESISTANC	E TEST (20°C)	Ω/km	<=26

TITLE : CAB	TITLE : CABLE SPECIFICATION						
EUROPEAN APPROVED POWER SUPPLY CABLE H05VV-F 3X0.75mm ²							
SPEC NO. :	APPROVED BY : CHECKED BY : DRAWN BY : REVISION :						
CC ODDELL	honate HONGYAN F						
CS-038EU	DATE : DATE : PAGE :						
	40/17/13 23/12/13 1/1						

REV.	DESCRIPTION	DATE
В	ADD IN BAO HING (SU ZHOU).	22/10/02
	UPDATE THE FORMAT AS SHOWN.	
	ADD IN '(EU/SAA/SAB/IEC)' ON THE TITLE.]
	REMOVE BAO HING (SUZHOU) CABLE	
С	MARKING DETAILS.	18/01/05

CABLE MARKING

BAO HING (SHENZHEN)

:- H05VV-F 3G0.75mm 2 \triangleleft VDE \triangleright KEMA-KEUR + ω + ω + ω \rightarrow \bigcirc OVE \triangleright CEBEC IEMMEQU SABS 1574 \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc BAOHING GTSA-3 N14586 \bigcirc LF

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DRAWN CHECK APPR	CONGFANG Wasto Langelin	18/01/05 18/01/05 18/01/05	FILENAME : Cable Marking/ BH/H05/H05W-F 3X0.75 LF- BH	TITLE : CABLE MARKING
SCALE	N.T.S.	REV.	С	(EU/SAA/SAB/IEC) 🛆
REFERENCE HOS	CE: 5VV-F 3XC	0.75mm²	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:
CHECK:	Peiyuan	28/08/19	EUROPEAN PLUG
APPR:	ROBIN	28/08/19	(IEC 60884-1)
REV:	AE		
REFERENCE	:		
			_

PAGE 1 OF 2

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

3. CONNECTOR

REV	REV DESCRIPTION			
BE	ADD IN CATALOGUE NO. HPC13S.	31/08/20		
BF	ADD IN CATALOGUE NO. VNBC5S.	11/11/20		

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, HPC13S & *VNBC5S*.

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

DRAWN:	MEI MAN	11/11/20	TITLE:
CHECK:	Feng	11/11/20	EUROPEAN & BRITISH
APPR:	Chum	11/11/20	APPLIANCE COUPLERS
REV:	BF		_
REFERENCE:			
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PAGE 1 OF 3

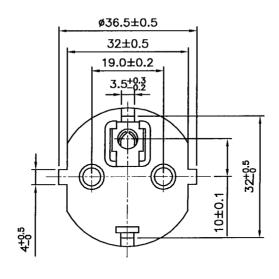
NO	TEGT ITEM	DESCRIPTION	ACCEPTANCE
NO.	TEST ITEM	DESCRIPTION	CRITERIA
5.	Glow wire test	Glow wire is applied for 30s with temperature of	Flame (if any) shall be self-
		750°C on inserts and housings retaining contacts	extinguished within 30s.
		and 650°C on elsewhere.	upon the removal of the
			glow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

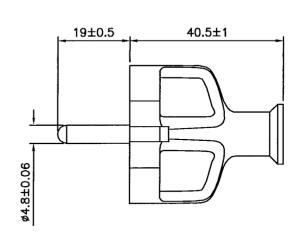
DRAWN:	MEI MAN	11/11/20	TITLE:
CHECK:	Feng	11/11/20	EUROPEAN & BRITISH
APPR:	Chum	11/11/20	APPLIANCE COUPLERS
REV:	BF		
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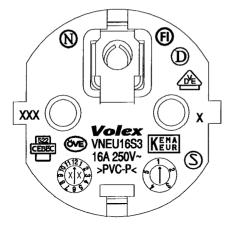
NO.	TEST ITEM	DESCRIPTION	ACCEPTANCE CRITERIA
14.	Aging	The samples are kept for 168 hours in a heating	No damage & marking
	test	cabinet at a temperature of 80±2°C.	shall be legible.
15.	Ball pressure	A ball of 5mm in diameter is applied on the	The diameter of the
	test	connector with the following temperature with	impression shall not
		20N force for 1 hour.	exceed 2mm.
		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.	

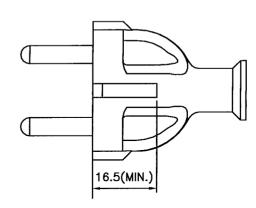
DRAWN:	MEI MAN	11/11/20	TITLE:
CHECK:	Feng	11/11/20	EUROPEAN & BRITISH
APPR:	Chum	11/11/20	APPLIANCE COUPLERS
REV:	BF	-	
REFERENCE:			

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









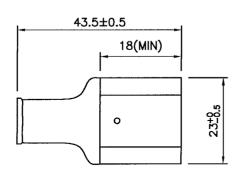
MARKING DETAILS:

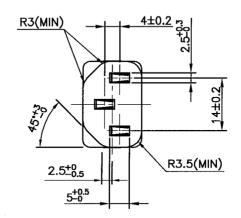
NOTE:

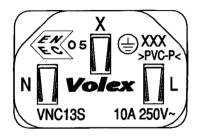
- 1.) ALL DIMENSIONS IN mm.
- 2.) X CAVITY NO. (OPTIONAL)
- 3.) XXX MANUFACTURING LOCATION.

HG	HENG GANG (CHINA)		DRAWN	TIAN SHUO	20/05/15		TITLE :
SM1/SMI	ZHONGSHAN (CHINA)	x	CHECK	Tianshuo		A-PLUG/EURO/ GENERAL/VNEU16S3	
JM I/ JMI	•	_	APPR	Feng		-EURO	VNEU16S3
VH	HANOI (VIETNAM)	<u> </u>	REV.	' ^	SCALE	N.T.S.	,1,201000
В	B BATAM (INDONESIA) REFER			EFERENCE :			
VC	VC CHENNAI (INDIA)		EUROPEAN APPROVAL			ROVAT.	-
MANUFACTURE LOCATION MARK (' X ' IS APPLICABLE ONLY)				V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			

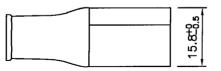
REV.	DESCRIPTION	DATE		
A	INITIAL RELEASE.	13/04/15		

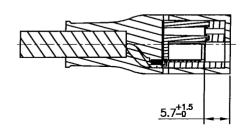






MARKING DETAILS:





NOTES :

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

HG	HENG GANG (CHINA)		DRAWN	LI XIA	13/04/15]	TITLE :	
SM1/SMI	ZHONGSHAN (CHINA)	x	CHECK	500		A-CONN/EURO/ GENERAL/ VNC13S-ENEC	MOIDED COMMECTOR	
VH	HANOI (VIETNAM)		REV.	1	- 13/4/15 SCALE	N.T.S.	AUCIOS	
В	BATAM (INDONESIA)		REFE	ENCE :				
VC	CHENNAI (INDIA)		E		N APPRO	VAL	-	-
MANUFACTURE LOCATION MARK (' X ' IS APPLICABLE ONLY)			(ENEC)					