

SPECIFICATION

FOR

BRITISH POWER SUPPLY CORDSET (PB FR)

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

CUSTOMER : VPE/RS COMPONENTS

CUSTOMER'S PART No. : 8188912

VOLEX'S SPEC. REF. No. : 144310/1

ISSUE No. : 003

DATE : 28TH JULY 2014

CUSTOMER APPROVED :

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



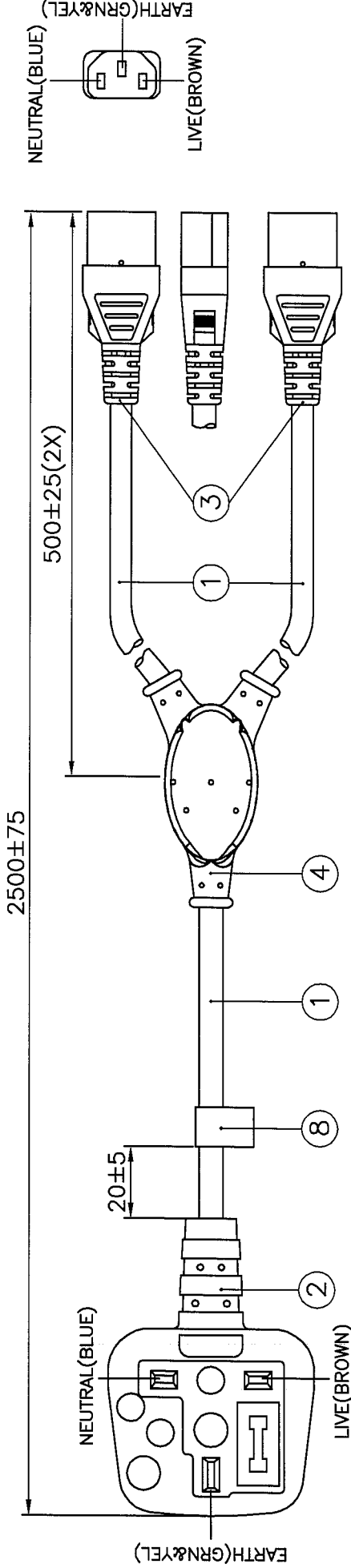
Volex (Asia) Pte Ltd

35 Tampines St. 92

Singapore 528880

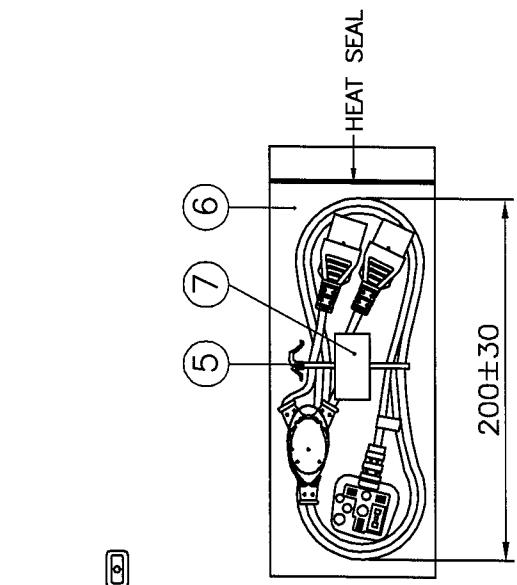
Tel : (65) 6788 7833

Fax : (65) 6788 7822



S/N	DESCRIPTION	ITEM NUMBER	QTY
9	PIN CAP - UK PLUG	6900058	1
8	LABEL PP WARNING 50X20MM	6102941	1
7	PRINTED LABEL	VL-0538	1
6	BAG PE 150X300X0.05	904076	1
5	8" PE TIE BLK	6310062	1
4	IP60G NL7976B BLK	4100115	-
3	MOLDED DUO-CORD (10A 250V)	DUO-CORD	1
		4100115	-
	MOLDED CONNECTOR V1625 (10A 250V)	V1625	2
	FUSE 10A (CAP WITH NICKEL PLATING)	6210013	OR
	FUSE 10A	6210005	1
	IP60G NL7976B BLK	4100115	-
2	MOLDED PLUG UK13A3 (10A 250V)	UK13A3-3	1
1	H05VV-F 3X1.00 BLK PVC LEAD FREE	1210365	3

TITLE : BRITISH POWER SUPPLY CORDSET (PB FR)		SCALE : N.T.S.	
CUSTOMER : VPE/RS COMPONENTS		PAGE : 1/1	
CUSTOMER PART NUMBER : 8188912		ISSUE	
Reference Number : 144310/1 (HG07-102-14)		003	
SALES : QA :	ENGRG : <i>[Signature]</i>	CHECKED BY : <i>[Signature]</i>	DRAWN BY : XIAOZHI
Date :	Date : 29/07/16	Date : 28/07/14	Date :



APPROVED SOURCE FOR CABLE
 1. BAO HING(SHENZHEN).
 2. TA HSING(SHENZHEN).

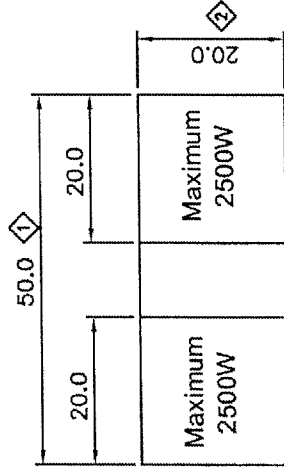
NOTE :
 1. ALL DIMENSIONS IN mm.
 2. THE CORD SHALL COMPLY WITH EN 50525-2-11.
 3. THE MOLDED PLUG SHALL COMPLY WITH BS 1363-1.
 4. THE MOLDED CONNECTOR SHALL COMPLY WITH IEC 60320-1 OR EN 60320-1.
 5. LABEL DETAILS : REFER TO LABEL DRAWING NO. : VL-0538.
 6. THIS PART CAN BE MANUFACTURED AT ANY LOCATION WHICH HAS SAFETY APPROVAL.

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DRAWING NUMBER : L-0538
 REVISION : A

SPECIFICATION :

FACESTOCK MATERIAL	PP SYNTHETIC WITH PP COATING
FACESTOCK THICKNESS	50µm +/- 10%
FACESTOCK COLOUR	WHITE
FACESTOCK SURFACE FINISH	GLOSSY
ADHESIVE BASE	SOLVENT ACRYLIC
OPERATING TEMPERATURE	-20°C~+100°C
SHELF LIFE	1 YEAR
HF COMPLIANT	YES



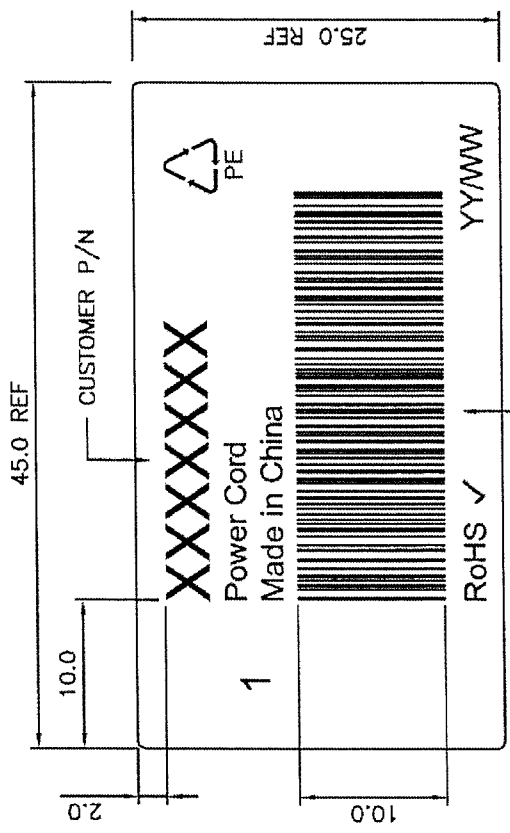
NOTES :

1. ALL DIMENSION IN MM.
2. GENERAL TOLERANCE ±2MM, UNLESS OTHERWISE SPECIFIED.
3. WHITE SURFACE WITH BLACK PRINT.
FONT: ARIAL, 2.5MM HIGH.
4. INK SHOULD NOT SMEAR AFTER PRINT.
5. \diamond CRITICAL DIMENSIONS, WHERE Y IS IN NUMERICAL DIGITS.

DRAWN : ALICE HUA		REV IMM/ECR	BY	DATE	REV IMM/ECR	BY	DATE	TITLE :	PP WARNING LABEL 50X20MM
RELEASED : 06/03/14		A	IMM	ALICE	06/03/14			ITEM NO.:	6102941-XXXX
CHECKED :	SIGN	DATE						FILENAME :	..\\LABEL\\PREPRINTED\\L-0538
APPROVED :								SCALE :	1 : 1
								PROJ. :	ϕ THRO ANGLE
								PAGE :	1 / 1

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DRAWING NUMBER : VL-0538
 REVISION : A



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

NOTES :

1. ALL DIMENSION IN MM.
2. GENERAL TOLERANCE ±2MM, UNLESS OTHERWISE SPECIFIED.
3. YELLOW BACKGROUND WITH BLACK PRINT.
 FONT: ARIAL, 1.5mm. BUT 2mm FOR '1', 3mm AND ARIAL BOLD FOR P/N.
4. PRINTED MARKING SHALL BE DURABLE & LEGIBLE, SURFACE RUBBED WITH THUMB PRESSURE BACK & FORTH 10X, AND INK SHOULD NOT SMEAR.
5. PRINTER/RIBBON TYPE: TEC B-SX5 OR DATAMAX/905018 OR 905021.

S/N	DESCRIPTION	ITEM NO.	REMARKS
1	ART PAPER LABEL 45X25MM	6102940	
TITLE: PE BAG LABEL			
PRINT FILE:	FILENAME:	PROJ.:	PAGE:
VL0538A	.\LABEL\HOUSE-VL\VL-0538	THIRD ANGLE	1/1
SCALE:	2 : 1		

DRAWN :	ALICE HUA	REV	SR/VECR	BY	DATE	REV	SR/VECR	BY	DATE
RELEASED :	07/03/14	A	H008-010-14	ALICE	09/06/14				
CHECKED :	<i>[Signature]</i>				9/6/14				
APPROVED :	<i>[Signature]</i>				9/16/14				

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

1. PVC FLEXIBLE CORD

1.1 SCOPE

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

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. : CS-048EU	APPROVED BY :	CHECKED BY :	DRAWN BY :	REVISION :	Δ Volex (Asia) Pte Ltd <small>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.</small>
	DATE :	DATE :	DATE :	PAGE :	
	<i>[Signature]</i>	<i>[Signature]</i>	HONGYAN	J	
	20/12/13	27/12/13	23/12/13	1/1	

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

CABLE MARKING

BAO HING (SHENZHEN)

⚠ :- H05W-F 3G1.0mm² <VDE> KEMA-KEUR +s+s+s
 <ÖVE> CEBEC IEMMEQU SABS 1574 (S) (N) (D) (FI)
 BAOHING G TSA-3 N14586 CE LF

DRAWN	LI XF	19/01/05	FILENAME :	TITLE :
CHECK	<i>Watt</i>	<i>19/1/05</i>	CABLE MARKING/ BH/H05/H05W-F	CABLE MARKING (EU/SAA/SAB/IEC) ⚠
APPR	<i>Changpin</i>	<i>19/01/05</i>	3X1.0 LF- BH	
SCALE	N.T.S.	REV.	B	
REFERENCE :				<i>Volex (Asia) Pte Ltd</i>
H05W-F 3X1.0mm ² LF				<small>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.</small>

REV.	DESCRIPTION	DATE
	ADD IN NEW MARKING PER ECN006-10.	
B	ADD IN NOTE 1.	26/07/10
C	REMOVE OLD MARKING PER ECR101239.	26/10/10

CABLE MARKING

△ TA HSING(SHENZHEN)

:- <VDE> KEMA-KEUR CEPEC IEMMEQU (D) (N) (S) (FI)
 <ÖVE> +s+s+s NF-USE-1344 Q050104 H05W-F 3G1.00mm²
 TA HSING INDUSTRIES LTD. LF



DRAWN	WANGHUI	26/10/10	FILENAME :	TITLE : CABLE MARKING (EU/SAA/IEC)
CHECK	<i>hm</i>	<i>26/10/10</i>	CABLE MARKING	
APPR	<i>Wanghui</i>	<i>26/10/10</i>	/TH(SZ)/H05W-F	
			3X1.00 - LF	
SCALE	N.T.S.	REV.	C	
REFERENCE :				<i>Volex (Asia) Pte Ltd</i>
H05W-F 3X1.00mm ² LF				<small>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.</small>

2. PLUG

REV	DESCRIPTION	DATE
	CHANGE 'TEST RESULT' TO 'ACCEPTANCE CRITERIA'.	
Y	CHANGE FORMAT AS SHOWN.	23/02/13
Z	ADD IN CATALOG NO. MFUK13A2.	26/04/13

2.1. SCOPE

The plug shall be in accordance with BS 1363 Part 1,
(Specification for up to 13A fused plugs,switched and unswitched socket-outlets)

2.2. CONSTRUCTION

The plug construction shall comply with our catalogue No: MP5004, MP5004A, MP5004AW, MP5004H, MP5004SC, UK13A2,UK13CBA2,UK10SC3, MP5004BS, MP5004V, UK13A3 , MP5004DBS , MP5004D , VPUK13A3, VPUK13A2, DS13CA2, APUK13A2 , APUK13A3, DS13EA2 & *MFUK13A2*.

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 85 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. A voltage of A.C 6000V is also applied between current carrying parts and body for 1 min.	No flashover and breakdown
3.	Insulation resistance test	This test is measured with a D.C 500V for 1 min. after the moisture resistance test.	Min. 5 M Ohm
4.	Flexing test	The sample shall be loaded with a weight of 1kg for 0.75mm ² or less, or 2kg for 1.00mm ² and above 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.Rated current of the plug is passed.	No damage to the insulation and the breakage of conductor of each core shall not exceed 10%.
5.	Tumbling test	The samples are dropped from a height of 50cm onto a plywood base(10mm thick) for a total of 5000 times.	No damage
6.	Abrasion test	The pin of sample slopes downwards at angle of 10° to the horizontal. The sample is loaded with a force of 4N on the sleeve of the pin. The number of movement is 20,000 and the length of pin subjected to abrasion is approx. 7mm over the insulating sleeve.	No damage

DRAWN:	SANDY YU	26/04/13	TITLE : BRITISH PLUG
CHECK:	<i>[Signature]</i>	27/06/13	
APPR:	<i>[Signature]</i>	27/06/13	
REV:	Z		
REFERENCE:			<i>Volex (Asia) Pte Ltd</i>
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NO.	TEST ITEM	DESCRIPTION	ACCEPTANCE CRITERIA
7.	Heat deformation test	The samples are kept for 1 hour in a heating carbinet at temperature of 70±5°C.	no damage and withstand electric strength test.
8.	Ageing test	The samples are kept for 7 days in a heating carbinet at temperature of 70±5°C. It is then put in room temperature for 4 hours.	no damage
9.	Temperature rise test	Rated current of the plug is passed for at least 4 hours. This test is repeated on the same sample after tumbling barrel test.	Rise in temperature for joints shall not exceed 52K while the rest shall not exceed 37K.
10.	Cord-anchorage test	The cord is subjected to a load of 3kg for (1.0mm ² or smaller) or 6kg (the rest) 25 times without jerk. The cord is then subjected to a torque of 0.15Nm (0.5mm ²), 0.2Nm (0.75mm ²), 0.25Nm (1.0mm ²), 0.3Nm (1.25mm ²), 0.35Nm (1.5mm ²) for 1 min.	Shall withstand a voltage of 3750±75V for 1 min., between each conductor and cord shall not been displaced by more than 2mm.
11.	Pressure test	A force of 20N is applied on the sample for 1 hour at a temperature of 70±5°C.	No damage and shall withstand electric strength and insulation resistance test. The sample must also fit into fig. 5 jig of BS1363.
12.	Ball pressure test	A steel ball of 5mm in diameter is applied with 20N force on the sample at a temperature of 75±5°C for 1 hour. The sample is then cooled by cold water.	The diameter of the impression shall not exceed 2mm.
13	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 for a period of 30s.	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:	SANDY YU	26/04/13	TITLE : BRITISH PLUG
CHECK:	<i>Sandy Yu</i>	27/06/13	
APPR:	<i>Huy</i>	27/06/13	
REV:	Z		
REFERENCE:			Voilex (Asia) Pte Ltd
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3. CONNECTOR

REV	DESCRIPTION	DATE
	CHANGE 'TEST RESULT' TO 'ACCEPTANCE CRITERIA'	
AP	CHANGE FORMAT AS SHOWN.	11/03/14
AQ	ADD IN CATALOGUE NO. VAC17KS.	24/02/14

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, AVL13, 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 "All connectors complying to Standard Sheet C5, C13, C15, C15A, C17 and C19"

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 separately. 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:	MOLLY	24/02/14	TITLE: EUROPEAN & BRITISH APPLIANCE COUPLERS
CHECK:	<i>[Signature]</i>	24/02/14	
APPR:	<i>[Signature]</i>	24/2/14	
REV:	AQ		
REFERENCE:			Volex (Asia) Pte Ltd <small>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.</small>

NO.	TEST ITEM	DESCRIPTION	ACCEPTANCE CRITERIA
5.	Glow wire test	Glow wire is applied for 30s with temperature of 750°C on inserts and housings retaining contacts and 650°C 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 connected 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 be 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:	MOLLY	24/02/14	TITLE: EUROPEAN & BRITISH APPLIANCE COUPLERS
CHECK:	<i>[Signature]</i>	24/02/14	
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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:	MOLLY	24/02/14	TITLE: EUROPEAN & BRITISH APPLIANCE COUPLERS
CHECK:	<i>[Signature]</i>	24/02/14	
APPR:	<i>[Signature]</i>	24/2/14	
REV:	AQ		
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REV.	DESCRIPTION	DATE
F	CHANGE DIM. FM. '22.85±0.3' TO '22.85±1' PER ECR100291.	30/03/10
G	ADD IN MANU. LOCATION 'BATAM'.	01/02/12

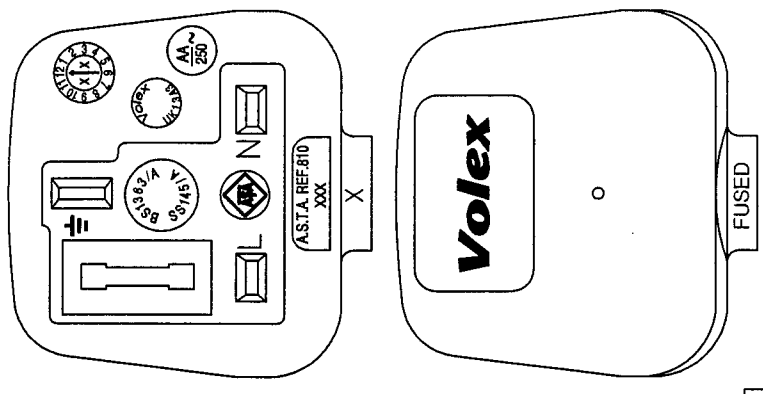
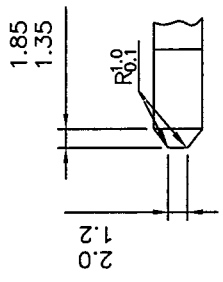
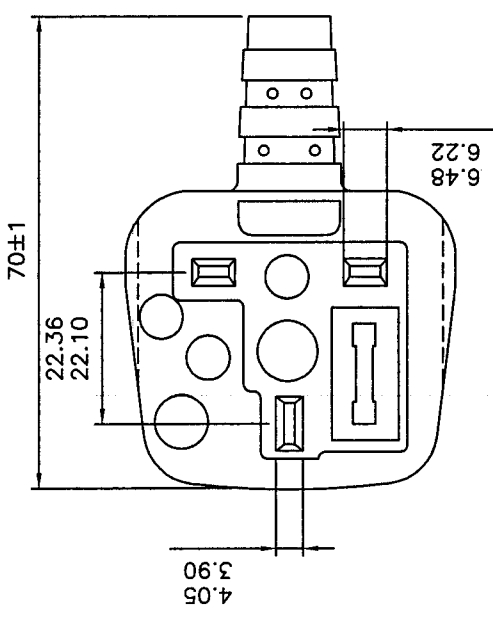
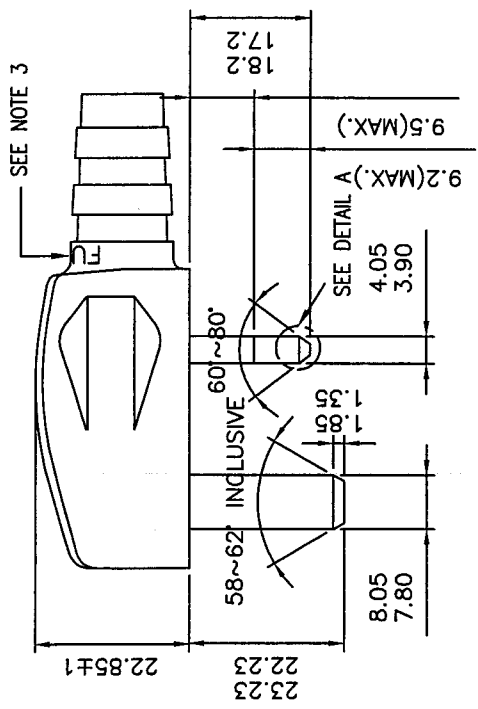
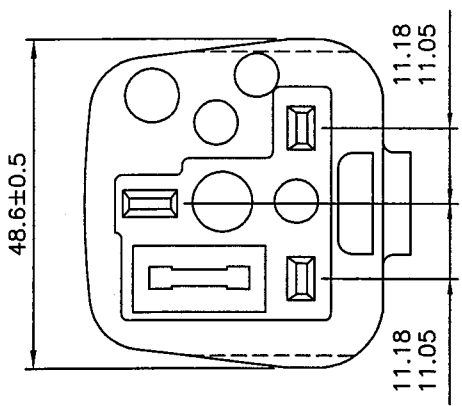
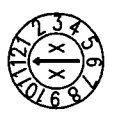


TABLE :

FUSE RATING (AA)	3	5	10	13
			✓	

NOTE :

- ALL DIMENSIONS IN mm.
- X - CAVITY NO. (OPTIONAL)
- THE WORD IS ' FUSED '
- AA - RATING : (REFER TO THE TABLE)
- XXX - MANUFACTURING LOCATION.
- DATE CODE:



YEAR X X
2008 = 0 8
2009 = 0 9

MARKING DETAILS

HG	HENG GANG (CHINA)	X	FILE NAME :	HONGYAN	01/02/12	01/02/12	01/02/12
SM1	ZHONGSHAN (CHINA)	X	A-PLUG/UK/GENERAL/UK13A3	hongy	hongy	hongy	hongy
VH	HANOI (VIETNAM)		-ASTA	we	we	we	we
B	BATAM (INDONESIA)	X	N.T.S.				
VC	CHENNAI (INDIA)						

REFERENCE :







MANUFACTURE LOCATION MARK
(' X ' IS APPLICABLE ONLY)

BRITISH APPROVAL

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REV.	DESCRIPTION	DATE
A	INITIAL RELEASE.	29/06/12







10A
BS1362
LEAD FREE

DRAWN	HONGYAN	29/06/12	REVISION:	TITLE : LEAD FREE FUSE (10A)
CHECK	<i>hongyan</i>	04/07/12		
APPR	<i>W.P.S</i>	4/7/12	A	Volex
SCALE	N.T.S.			
REFERENCE :				

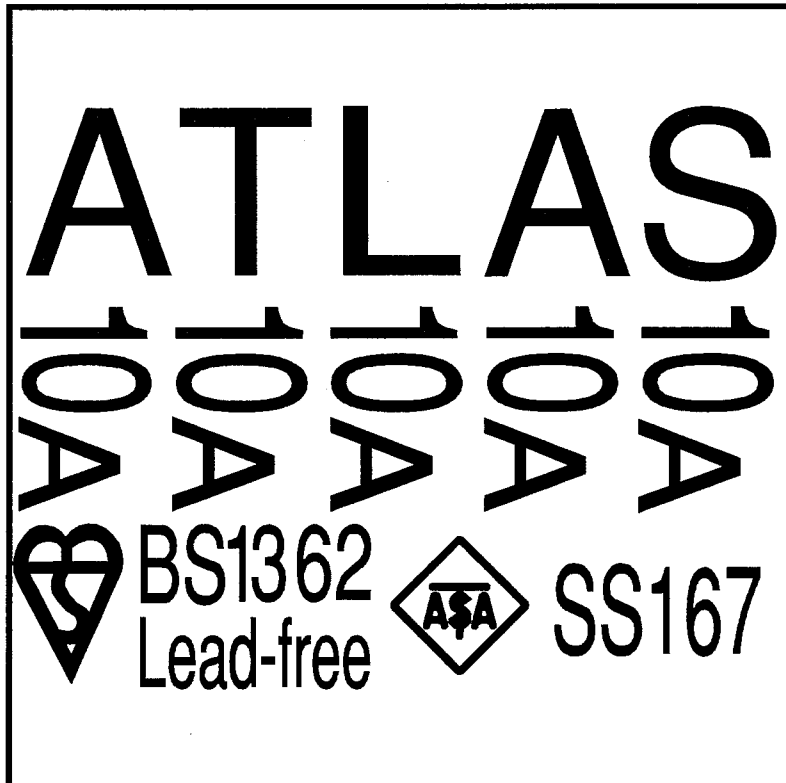
REV.	DESCRIPTION	DATE
A	INITIAL RELEASE.	29/06/12

AsiaFuse
 AF63C-10A
10A
 BS1362
 SS167



DRAWN	HONGYAN	29/06/12	REVISION:	TITLE : LEAD FREE FUSE (10A)
CHECK	<i>hongyan</i>	01/07/12		
APPR	<i>Wang</i>	4/7/12	A	
SCALE	N.T.S.			
REFERENCE :				Volex

REV.	DESCRIPTION	DATE
	ADD IN 'REFERENCE E07.010-C'	
C	IN REFERENCE COLUMN.	31/07/08
D	CHANGE MARKING AS SHOWN.	13/11/12

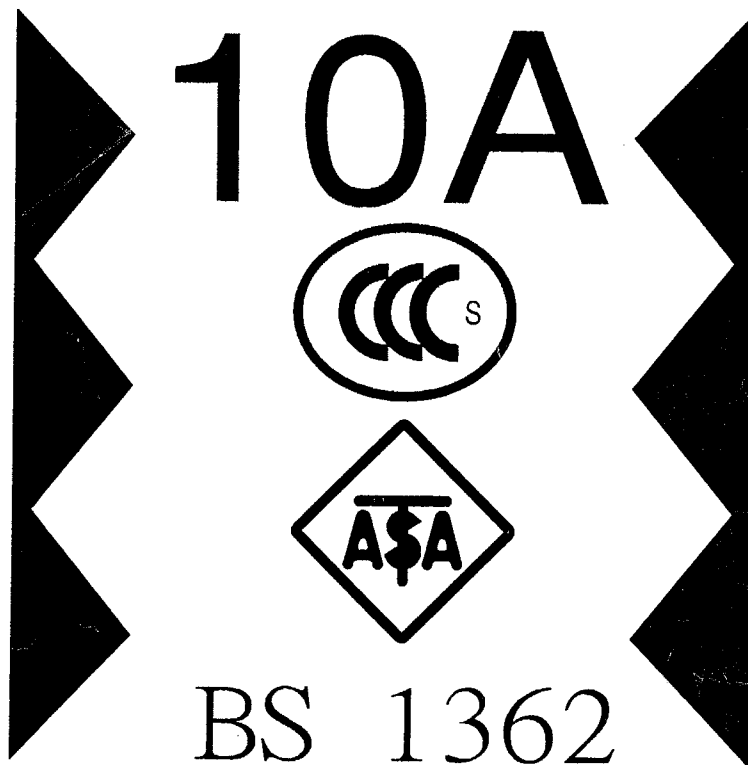


DRAWN	HONGYAN	13/11/12	REVISION:	TITLE : LEAD FREE FUSE (10A)
CHECK	<i>hongyan</i>	13/11/12		
APPR	<i>W.S.</i>	13/11/12	D	
SCALE	N.T.S.			
REFERENCE :				Volex
6210005 (REFERENCE E07.010-C)				

REV.	DESCRIPTION	DATE
	ADD IN 'TYPE REFERENCE TDC 180	
E	-10A' IN REFERENCE COLUMN.	14/07/08
F	AMEND NOTE FOR ADD IN ITEM b.	29/08/08

*PRINT BLOCK TOPS WITH MACHINE NUMBERS

Bussmann

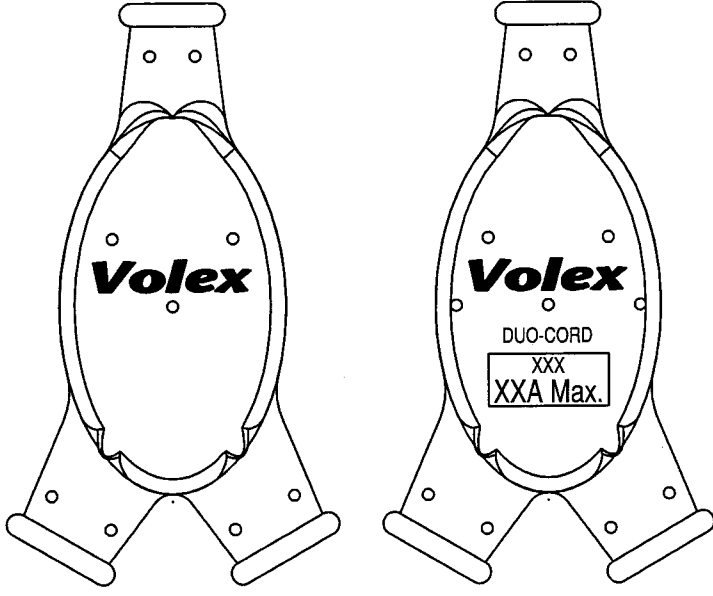
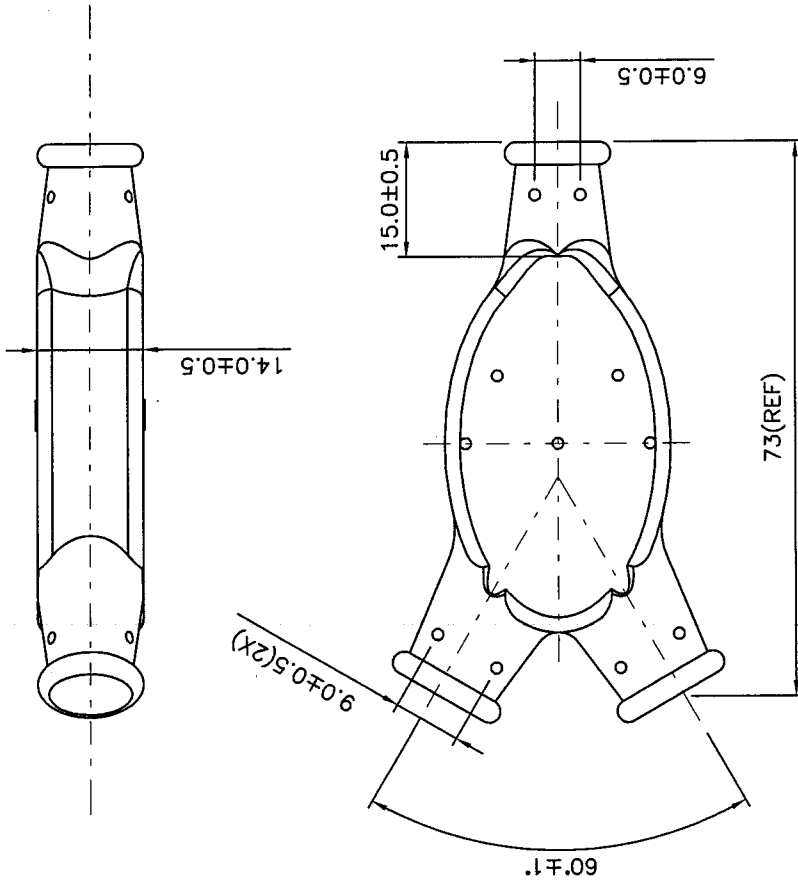


NOTE:

- (1) *PRINT BLOCK TOP (DOT LINE) = BUSSMANN INTERNAL IDENTIFICATION ON MACHINERY.
- a: DIFFERENT LOCATION/NUMBER OF DOT LINE INDICATE DIFFERENT MACHINE NUMBER USED.
- △ b: THE FUSE PRODUCE ON THE MACHINE #20 IS WITHOUT THE PRINT BLOCK TOP (DOT LINE).

DRAWN	QIAN SM	29/08/08	REVISION:	TITLE : LEAD FREE FUSE (10A)
CHECK	<i>W. K. S.</i>	29/8/08		
APPR	<i>Qian SM</i>	29/08/08	F	
SCALE	N.T.S.			
REFERENCE :				Volex
6210013 (TYPE REFERENCE TDC 180-10A)				

REV.	DESCRIPTION	DATE
	REMOVE THE CLOSED FACTORY FM. MANU. LOCATION MARK.	
F	UPDATE THE DIM. AS SHOWN.	27/07/09
G	ADD IN MANU. LOCATION MARK 'SMI'.	26/02/10



MARKING DETAILS :

NOTES :

- 1.) ALL DIMENSIONS IN mm
- 2.) XXX MAX. - CURRENT RATING. (REFER TO TABLE)
- 3.) XXX - MANUFACTURING LOCATION.

TABLE :

CURRENT XXX MAX.	7A	10A	13A
			✓

HG	HENG GANG (CHINA)	SM1/SMI	ZHONGSHAN (CHINA)	VH	HANOI (VIETNAM)	B	BATAM (INDONESIA)	VC	CHENNAI (INDIA)	MANUFACTURE LOCATION MARK (* X * IS APPLICABLE ONLY)
X	X	X	X	X	X	X	X	X	X	
DRAWN	HONGYAN	26/02/10	FILE NAME :	A-PLUG/ NON-APPROVAL/ GENERAL/DUO-CORD	N.T.S.	SCALE	REFERENCE :	NON APPROVAL		
CHECK	hmg/16	02/03/10	TITLE :	DUO-CORD						
APPR	WPT	23/10								
REV.	G									
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