# SPECIFICATION

FOR

JAPANESE POWER SUPPLY CORDSET (PB FR)

CORD : VCTF 3X1.25mm² PVC LEAD FREE

| | |
|---|---|
| CUSTOMER | : VPE/FARNELL |
| CUSTOMER'S PART No. | : 246Ø365 |
| VOLEX'S SPEC. REF No. | : 143023/4 |
| ISSUE No. | : 003 |
| DATE | : 27TH MAY 2022 |

CUSTOMER APPROVED :

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

Volex (Asia) Pte Ltd
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Singapore 528880
Tel : (65) 6788 7833
Fax : (65) 6788 7822

# AMENDMENT RECORD

| REF. No. | DESCRIPTION OF CHANGES | DATE |
|---|---|---|
| 143023/4 | (1) FIRST SUBMISSION. | 28/10/14 |
| (HG10-051-14) | | |
| ISSUE : 001 | | |
| | | |
| 143023/4 | (1) CHANGE CUSTOMER P/N FM. '1Ø9363Ø' TO '246Ø365' | 03/02/15 |
| (HG01-241-15) | ON COVER PAGE & ASSEMBLY DWG. | |
| ISSUE : 002 | (2) UPDATE PLUG & CONN. SPEC. PAGES. | |
| | | |
| 143023/4 | (1) REMOVE CABLE SOURCE 'TONG YUAN(SHENZHEN)' ON | 27/05/22 |
| (VPE05-068-22) | ASSEMBLY DWG. | |
| ISSUE : 003 | (2) UPDATE CABLE MARKING PAGES. | |
| | (3) UPDATE PLUG & CONN. SPEC. PAGES. | |
| | (4) UPDATE PLUG & CONN. DWG. PAGES. | |
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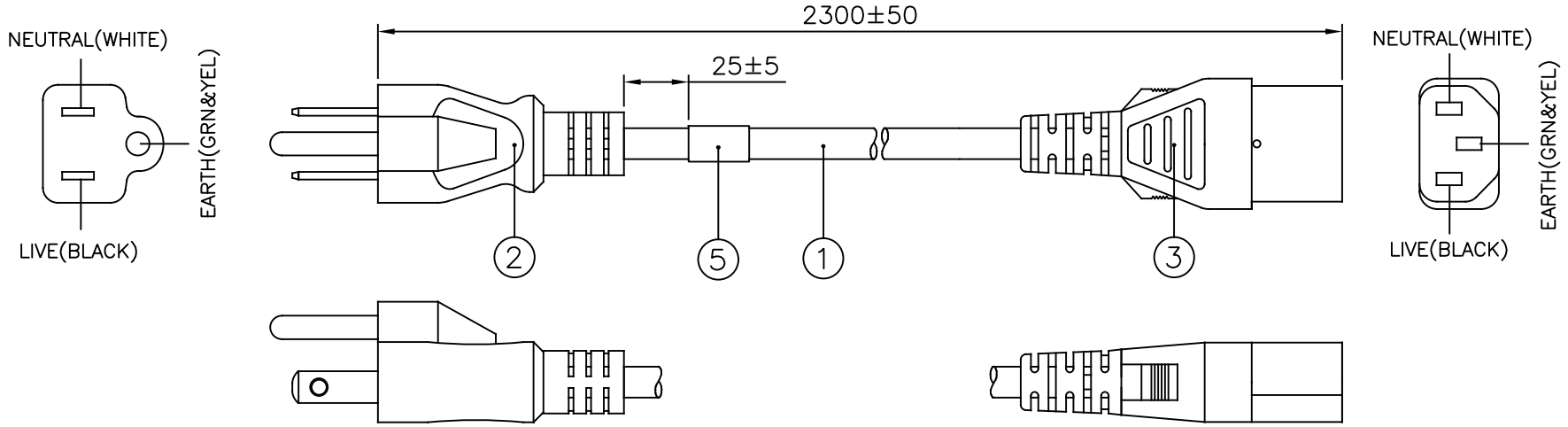
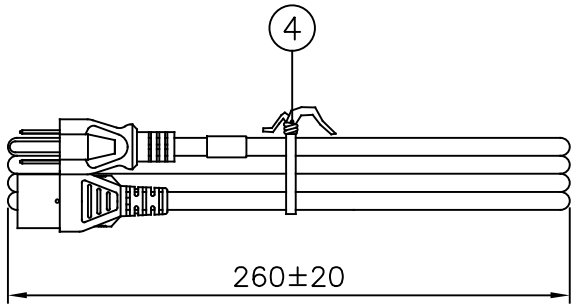



**APPROVED SOURCE FOR CABLE**

1. BAO HING(SHENZHEN).
2. TA HSING(SHENZHEN).

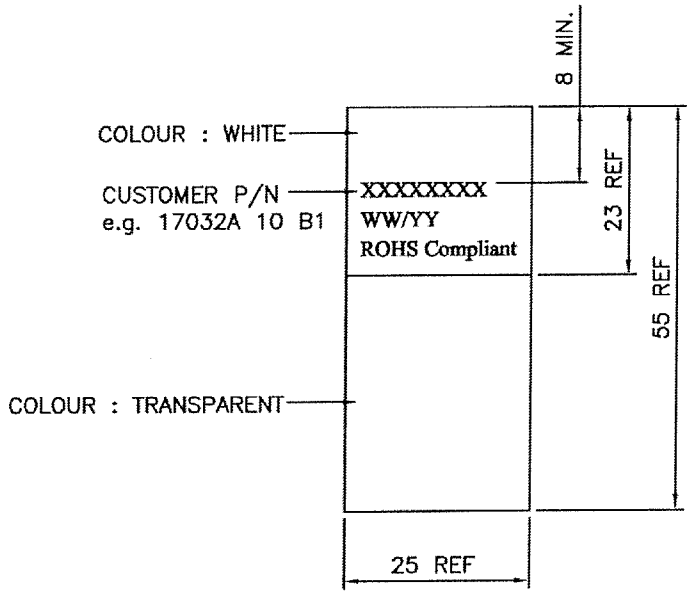
**NOTE :**

1. ALL DIMENSIONS IN mm.
2. THE CORD SHALL COMPLY WITH JIS C 3306.
3. THE MOLDED PLUG SHALL COMPLY WITH JIS C8303 AND TESTED TO JIS C8306.
4. THE MOLDED CONNECTOR SHALL COMPLY WITH JIS C8358 AND TESTED TO JIS C8306.
5. LABEL DETAILS :
   REFER TO LABEL DRAWING NO. : VL-0234.
6. THIS PART CAN BE MANUFACTURED AT ANY LOCATION WHICH HAS SAFETY APPROVAL.

| S/N | DESCRIPTION | ITEM NUMBER | QTY |
|---|---|---|---|
| 5 | PRINTED LABEL | VL-0234 | 1 |
| 4 | 6" PE TIE BLK | 6310056 | 1 |
| 3 | IP60G NL7976B BLK | 4100115 | – |
| | MOLDED CONNECTOR V1625 (12A 125V) | V1625 | 1 |
| 2 | IP40G NL792B BLK | 4100017 | – |
| | MOLDED PLUG M744 (12A 125V) | M744 | 1 |
| 1 | VCTF 3X1.25 BWGY BLK PVC LEAD FREE (PSE) | 1513029 | 1 |

| | | | | | |
|---|---|---|---|---|---|
| TITLE : JAPANESE POWER SUPPLY CORDSET (PB FR) | | | | | SCALE : N.T.S. |
| CUSTOMER : VPE/FARNELL | | | | | PAGE : 1/1 |
| CUSTOMER PART NUMBER : 246Ø365 | | | | | ISSUE 003 |
| Reference Number : 143023/4 (VPE05-068-22) | | | | | |
| SALES : | QA : | ENGRG : Wathong | CHECKED BY : Jan Fu | DRAWN BY : YANNIS | Volex (Asia) Pte Ltd |
| Date : | Date : | Date : 01/06/22 | Date : 01/06/22 | Date : 27/05/22 | |

| DRAWING NUMBER : | REVISION : |
|---|---|
| VL-0234 | F |




NOTES :

1. ALL DIMENSION IN MM.
2. GENERAL TOLERANCE ±2MM, UNLESS OTHERWISE SPECIFIED.
3. WHITE BACKGROUND WITH BLACK PRINT.
4. FONT: TIMES NEW ROMAN; HEIGHT: 2.0MM.
5. PRINTED MARKING SHALL BE DURABLE & LEGIBLE, SURFACE RUBBED WITH THUMB PRESSURE BACK & FORTH 10X, AND INK SHOULD NOT SMEAR.
6. PRINTER/RIBBON TYPE: TEC B-572 OR TEC B-672/905019 OR 905034. ⚠F
7. FOR CUSTOMER SANMINA-SCI KUNSHAN, PLS PRINT CUSTOMER'S PART NUMBER UNDER FG LIST AS INDICATED IN TABLE . PLS REFER TO TABLE.
8. THE PROGRAM VL0234E-1 IS USED FOR CUSTOMER'S P/NO LESS THAN 13 CHARACTERS. THE PROGRAM VL0234E-2 IS USED FOR CUSTOMER'S P/NO MORE THAN 12 CHARACTERS.

TABLE

| FG LIST | CUSTOMER PART NUMBER |
|---|---|
| 70700044401-DSA | 17742 10 B1 |
| | |

⚠F

| S/N. | DESCRIPTION | ITEM NO. | REMARKS |
|---|---|---|---|
| 1 | TRANSPARENT OPP LABEL 55X25MM | 6102464 | |

| DRAWN : | Li Xianjun | | REV | SRN/ECR | BY | DATE | REV | SRN/ECR | BY | DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| RELEASED : | 22/12/04 | | A | ESC12-143-04 | Li XJ | 18/01/05 | E | 062767 | ALICE | 25/12/06 |
| | SIGN | DATE | B | 052161 | Li XJ | 19/08/05 | F | 120686 | ALICE | 03/09/12 |
| CHECKED : | | 3/9/12 | C | 053213 | PETER | 19/12/05 | | | | |
| APPROVED : | | 3/9/12 | D | 062620 | PETER | 30/11/06 | | | | |

| TITLE : | WRAPAROUND CORD LABEL 55X25MM | | | | |
|---|---|---|---|---|---|
| PRINT FILE: | FILENAME : | SCALE : | PROJ. : | PAGE : | Volex (Asia) Pte Ltd |
| VL0234F | ..\LABEL\INHOUSE-VL\VL-0234 | 1 : 1 | THIRD ANGLE | 1/1 | |

| REV. | DESCRIPTION | DATE |
|---|---|---|
| D | ADD IN INSULATION COLOR. | 24/09/02 |
| E | UPDATE THE TITLE. | 22/07/04 |
| | UPDATE VALUES AS PER PRODUCT SAFETY. | |

# 1. PVC FLEXIBLE CORD

## 1.1 SCOPE

This specification shall be in accordance with JIS C 3306.

## 1.2 CONSTRUCTION

| | |
|---|---|
| CONDUCTOR | ANNEALED COPPER WIRE |
| INSULATION | PVC( BLACK, WHITE, GREEN OR BLUE, BROWN, AND GREEN&YELLOW OR BLACK, WHITE, GREEN&YELLOW) |
| JACKET | PVC |

| | ITEM | | UNIT | SPEC. VALUE |
|---|---|---|---|---|
| | RATED VOLTAGE | | V | 300 |
| | NO. OF CORE | | NO. | 3 |
| | CONDUCTOR | NOMINAL AREA | $mm^2$ | 1.25 |
| | | CONSTRUCTION | NO./mm | 50/0.18 |
| | MIN. AVE. THICKNESS OF INSULATION | | mm | 0.54 |
| | MIN. THICKNESS AT ANY POINT OF INSULATION | | mm | 0.48 |
| | MIN. AVE. THICKNESS OF JACKET | | mm | 0.90 |
| | MIN. THICKNESS AT ANY POINT OF JACKET | | mm | 0.70 |
| | OVERALL DIAMETER OF JACKET (NOMINAL) | | mm | 7.80 |
| ⚠E | ELECTRIC STRENGTH | IN THE AIR (20±5°C) | — | 3000V for 1 min. |
| | | IMMERSED IN WATER (20±5°C FOR AT LEAST 1 hr) | — | 1000V for 1 min. |
| ⚠E | SPARK TEST | | — | 5000V for at least 0.15 sec. |
| ⚠E | INSULATION RESISTANCE TEST (20°C) | | MΩ/km | ≥5 |
| ⚠E | INSULATION RESISTANCE TEST (60°C) | | MΩ/km | ≥0.01 |
| | CONDUCTOR RESISTANCE TEST (20°C) | | Ω/km | ≤15.1 |

TITLE : CABLE SPECIFICATION

⚠E JAPANESE APPROVED POWER SUPPLY CABLE

VCTF 3X1.25mm²

| SPEC NO. : | APPROVED BY : | CHECKED BY : | DRAWN BY : | REVISION : |
|---|---|---|---|---|
| ⚠E CS-026JP | | Weita | CONGFANG | E |
| | DATE : 22/07/04 | DATE : 22/07/04 | DATE : 22/07/04 | PAGE : 1/1 |

Volex

| REV. | DESCRIPTION | DATE |
|---|---|---|
| C | REMOVE OLD CABLE MARKING PER ECR091448.<br>REMOVE NOTE 2. | 04/03/10 |
| D | FOLLOW THE ECN007-21 TO ADD NEW CABLE MARKING AND NOTE 2. | 24/06/21 |

# CABLE MARKING

## BAO HING (SHENZHEN)

<PS>E JET SHOOEI DENGU CO. VCTF 1.25mm$^2$
−F− BAOHING XXXX LF

△D * <PS>E JET SIE CO., LTD VCTF 1.25mm$^2$
−F− BAOHING XXXX LF

NOTES :

1) XXXX − YEAR OF MANUFACTURED.
△D 2) * PREFERRED CABLE MARKING.

| | | | |
|---|---|---|---|
| DRAWN | FUWANG | 24/06/21 | FILENAME : C MARKING/BH/VCTF/VCTF 1.25 LF (PSE)-BH |
| CHECK | Fuwang | 24/06/21 | |
| APPR | Wofong | 28/06/21 | |
| SCALE | N.T.S. | REV. | D |

TITLE : CABLE MARKING (PSE)

REFERENCE :
VCTF 1.25mm² LF (PSE)

Volex (Asia) Pte Ltd

| REV. | DESCRIPTION | DATE |
|---|---|---|
| A | INITIAL RELEASE. | 04/10/06 |
| | | |

# CABLE MARKING

## TA HSING(SHENZHEN)

<PS>E JET TA HSING VCTF 3X1.25mm² –F– XXXX LF

NOTE :

1.) XXXX – YEAR OF MANUFACTURE.

| | | | | |
|---|---|---|---|---|
| DRAWN | LI LIANG | 04/10/06 | FILE NAME : CABLE MARKING/ TA HSING(SZ)/VCTF 3X1.25 LF (PSE)-SZ | TITLE : CABLE MARKING (PSE) |
| CHECK | hongyan | 04/10/06 | | |
| APPR | zhang | 4/10/12 | | |
| SCALE | N.T.S. | REV. | A | |
| REFERENCE : VCTF 3X1.25mm² LF (PSE) | | | | Volex |

# 2. PLUG

| REV | DESCRIPTION | DATE |
|---|---|---|
| BY | ADD CATALOGUE 'PS520'. | 30/09/18 |
| BZ | ADD CATALOGUE 'VNBTW15GS2'. | 25/02/20 |

## 2.1. SCOPE

The plug shall be in accordance with JIS C8303 and tested to JIS C8306.

## 2.2. CONSTRUCTION

The plug construction shall comply with our catalogue No: M711, M711A, M711P, M733, M733B, M733D, M733F, M733FP,M744, M755, JS15S2, JS15SC, JS15GS2, *JS15S3*, PI15S2 , JS15QS2 , JS15SC3, JS15CS2, JP15VS2, JS15TES2 , JS15TZS2, JS15TSS2, TW15GS2, US115S, JP15DS2, JP15MS2, MA15S2, MA15VS2, USJ15B, VPJS15S2, JS15TES2, GPJS15HS3, DS15CS2 , USL520PS3, USL620PS3,GPJS15S3, DS15DS2, APJS15S2, APJS15S3, APJS15CS2 , MFTWJP15S2, PS204D, PS204 & *VNUS15S3* .

Anti-tracking version : V722(housing type), V722A, V722F, V722AF, V722T, JS15TS2, JS15TS3, JP115TS, JS15QTS2, JS15KS2, V722(sleeve type), JS15T3(sleeve type), JS15TZS3(sleeve type), JS15JKS2, JS15THS3,JP15GS2, JP15TCS3, USJ15TS3(housing type), JS15THS2(sleeve type), VPJS15THS2(sleeve type) , JP15TKS3, VNJS15FS2, VNJS15SS2 VNJS15S2, VNJS15FSS2, VBJP15S2 , PS520 & ***VNBTW15GS2*** .

## 2.3. CHARACTERISTICS

| NO. | TEST ITEM | DESCRIPTION | ACCEPTANCE CRITERIA |
|---|---|---|---|
| 1. | Temperature rise test | The rated current is passed. The temperature is taken once it has stabilised. | The rise in temperature of the blade shall not exceed 30°C. |
| 2. | Contact resistance test | Contact resistance of the blade and sockets are measured by:<br>I) DC Voltage of rated voltage and current of 1A is passed through the contact or<br>II) AC Voltage of 12V with 25A current is passed through the contact. | Contact resistance shall not exceed 50*m* Ohm. |
| 3. | Insulation resistance test | A Voltage of DC 500V is applied to the followings;<br>I) Between current-carrying parts of different polarity for both Class I and Class II plugs<br>II) Between current-carrying parts and the earthing pole for Class I plug | Min. 100M Ohm. |
| 4. | Dielectric strength test | This is performed straight after the insulation resistance test. A Voltage of AC 1250V with trip current of min 10mA is applied similarly to item 3 for 1 min. | No flashover or breakdown. |
| 5. | Heat resistance test | The samples are kept in a heating cabinet at 80°C±3°C for 7 hours. They are then allowed to cool to room temperature. | There shall be no deformation, softening and damage to the samples. |

| | | | |
|---|---|---|---|
| DRAWN: | IVAN | 25/02/20 | TITLE : |
| CHECK: | IVAN | 25/02/20 | JAPANESE PLUG |
| APPR: | ROBIN | 25/02/20 | |
| REV: | BZ | | |
| REFERENCE: | | | Volex (Asia) Pte Ltd |

| NO. | TEST ITEM | DESCRIPTION | ACCEPTANCE CRITERIA |
|---|---|---|---|
| 6 | Single body free fall test | The sample is dropped from a height of 1m onto a hard wood of at least 20mm thick. This is repeated 3 times. | There shall be no damage to the plug. |
| 7 | Strength of blade (Except anti-tracking plug with housing) | The sample is to be kept in 20°C±2°C for about 1 hour.<br>I) A force is applied to the tip of one of the blade at right angle to it until the blade bends and touches the other blade.<br>II) A blade is flexed alternatively to the right and left through an angle of 15° (each direction) for 30 times. | I) The force shall no be less than 40N.<br>II) The blade shall not break or cause open circuit. |
| 8 | Pressure test | A load of 600N is applied on the sample for 1min. | No damage |
| 9 | Pendulum impact test | A sample with 1m cord is secured on a wall. The sample is lifted away from the wall to a height of 1m and then released. The sample is allowed to strike a hard wood of 20mm or more mounted on the wall. This is done 3 times. | No damage |
| 10 | Cord-anchorge test | The cord is subjected to pulls of 90N for 25 times lasting 1s each without jerk. | The cord shall not be displaced by more than 2mm. |
| 11 | Flexing test | The samples shall be loaded with a weight of 500g and the oscillating member shall be moved 60 degrees on either side of the vertical, each being defined as one cycle. The rate of oscillation shall be 40 cycle/min and tested to 5000 cycles. | No damage, open or short circuit to the plug. The broken conductor in each core shall not exceed 20%. |
| 12 | Anti-tracking Test (applicable to anti-tracking version only) | The plug shall comply to Level 1 in accordance to the JWDS 0028-1997 standard.<br><br>The test criteria shall be as follows :<br>- Solution : 0.2% of ($NH_4CL$)<br>- Amount of drop : 20±5$mm^3$ per drop.<br>- Interval : 5min±10 sec.<br>- No. of drops : 200<br>- Voltage applied : AC 125V (50Hz)<br><br>The drops shall be applied between the live and neutral blades. | There shall be no flash. |

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|---|---|---|---|
| DRAWN: | IVAN | 25/02/20 | TITLE : |
| CHECK: | IVAN | 25/02/20 | |
| APPR: | ROBIN | 25/02/20 | JAPANESE PLUG |
| REV: | BZ | | |
| REFERENCE: | | | Volex (Asia) Pte Ltd |

| NO. | TEST ITEM | DESCRIPTION | ACCEPTANCE CRITERIA |
|---|---|---|---|
| 13 | Determination of proof tracking index (PTI) | The material which is part of surface and holding pin/blade shall withstand the test period for 50 drops. The test voltage applied being 400V (based on JIS C 2134) | No tracking failure and persistent flame occuring. |
| 14 | Glow wire test | The tip of the glow wire heated electrically to 750 °C shall be applied to the material which is part of surface and holding pin/blade (based on JIS C 60695-2-11 or JIS C 60695-2-12) | Any flame and glowing shall extinguish within 30s after the removal of the glow-wire. There shall be no ignition of the tissue paper nor sorching of the board. |

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|---|---|---|---|
| DRAWN: | IVAN | 25/02/20 | TITLE : |
| CHECK: | IVAN | 25/02/20 | JAPANESE PLUG |
| APPR: | ROBIN | 25/02/20 | |
| REV: | BZ | | |
| REFERENCE: | | | **Volex (Asia) Pte Ltd** |

| REV | DESCRIPTION | DATE |
|---|---|---|
| BT | ADD IN CATALOGUE NO.VNBC17S | 10/01/22 |
| BU | ADD IN CATALOGUE NO.VMC13A120 | 14/03/22 |

# 3. CONNECTOR

## 3.1. SCOPE

The specification apply to appliance couplers conforming to JIS C8358 "Appliance couplers for domestic and similar use" and tested to JIS C8306 "Testing methods for wiring devices".

## 3.2. CONSTRUCTION

The connector construction shall comply with our catalogue No:
V1625, V1625A, V1625H,MS225, 25AC5, PS309, PS309P, VAC5AR, APC13, APC5M,APC5A,APC5S, APC5SP, APC5SM, APC7M, APC7S, VAC5S, AVLC13, VAC17S, VSCC13, VSCC15, VIC13A, VAC15S, VAC15BS, VAC19A, VCC7S, SZC7S, PIC17S, PIC17BS, PIC17CS, DLC5A3, APC13S, VAC19, VSC19, DLC5A2, VAC7S, VAC7A, M1625, V1625LA, MS225A, V1625BS, VAC17BS, APC13F, VAC7PS, APC7Q, V1625ES, PS625A, APC13G, AP7M16, DLC7U2, VAC13KS, MAC7SH, DLC5E3, DLC7E2, V1625AT, VAC17A, SOC7S,APC5SF, VCC13, VIC13A, DLC5U3, VAC19KS, VCC5S, APC13H, VAC19H, JS515RS, APC7K, APC7H, APC13FH, VCC7S , APC13HC, MFC7S, AC7SP, APC7HB, VNC7S, VNC5S, VNC13S, VNC7A, VNC13A, VAC7SR, VAC17FS, VBC7A, VNBC13S, VAC19LA ,VNBC7S,VNBC7SL, HPC13S,VNBC5S,SC54C13KS,VNBC17S,***VMC13A120***

## 3.3. CHARACTERISTICS

| NO. | TEST ITEM | DESCRIPTION | ACCEPTANCE CRITERIA |
|---|---|---|---|
| 1. | Retention force test | The connector is inserted into and withdrawn from the matching inlet for 5 times before the force of withdrawal is measured. | The force shall be between 5N to 40N for connectors rated to 7A or less, 10N to 60N for above 7A up to 15A. This test is repeated after the make and break test. |
| 2. | Pressure test | The connector is clamped between two 15mm thick hard wood lined with rubber sheet of 5mm thick. A force of 600 N is applied for 1 minute. | There shall not be any damage seen on the connector. No crack or deformation shall be visible. |
| 3. | Single body gravitational drop test | The connector is subjected to falls from 500 mm onto a flat hard wood of at least 20mm in thickness. The total number of falls being 3 times. | There shall not be any damage seen on the connector. No crack or deformation shall be visible. |
| 4. | Pendulum drop test | The connector with it's cable (1 m length) is to be held horizontally. The connector is allowed to fall with the end of the cable pivoted and strike a wooden block. The total number of falls being 3 times. | There shall not be any damage seen on the connector. No crack or deformation shall be visible. |
| 5. | Make/break test | 1) The connector is inserted/withdrawn from the inlet 5000 times at rated of 20 times per minute with rated current.<br>2) This is repeated with 100 times with 1.5 times of rated current. | There shall not be any arching, short-circuit or damage to the connector. The insulation resistance is measured after this test. |

| | | |
|---|---|---|
| DRAWN: | ALLIE | 14/03/22 |
| CHECK: | Jan Fu | 16/03/22 |
| APPR: | Chum | 16/03/22 |
| REV: | BU | |
| REFERENCE: | | |

TITLE : JAPANESE CONNECTOR

**Volex (Asia) Pte Ltd**

| NO. | TEST ITEM | DESCRIPTION | ACCEPTANCE CRITERIA |
|---|---|---|---|
| 6. | Insulation resistance test | The insulation resistance shall be measured with a voltage of approx.500V.<br>The voltage being applied -<br>1) Between live / neutral terminals connected together and the body.<br>2) Between each current carrying terminals in turn and the other latter being connected to the body. | Insulation resistance shall be not less than 100 Mohm before make/break test and 5 Mohm after make/break test. |
| 7. | Dielectric strength test | This test is conducted after insulation resistance test. A Voltage of substantially sinusoidal form at a frequency of 50 or 60 Hz is applied between the parts described as follow.<br>1) Between live / neutral terminals connected together and the body.<br>2) Between each current carrying terminals in turn and the other latter being connected to the body.<br>The value of the test voltage is at 1250V with trip current of min. 10mA is applied for 1 minute. | There shall be no flashover or breakdown. |
| 8. | Temperature rise test | Rated current is passed through the current-carrying until steady conditions are attained. | The temperature rise of contacts shall not exceed 30°C. |
| 9. | Flexing test | The samples shall be loaded with a weight of 500g and the oscillating member shall be moved 60° on each side of the vertical, each being defined as one cycle. The no. of oscillation shall be 5000 cycles. | No damage, open or short circuit to the connector.The broken conductor in each core shall not exceed 20%. |
| 10. | Heat resistance | The connector is heated in an oven at 120°C for 24 hour. | The connector shall show no damage and deformation. |
| 11. | Flame retardance test | The connector is burnt with a flame from the Bunsen burner until it caught fire. The time taken for the flame to extinguish is timed. | The flame shall extinguish within 60s from the time the burner is removed |

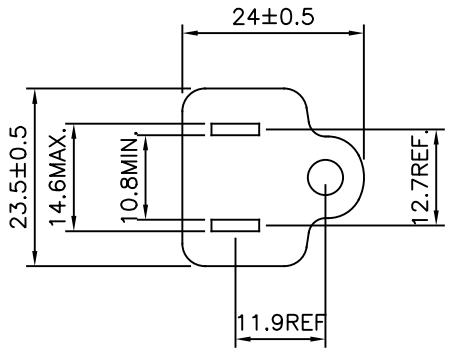


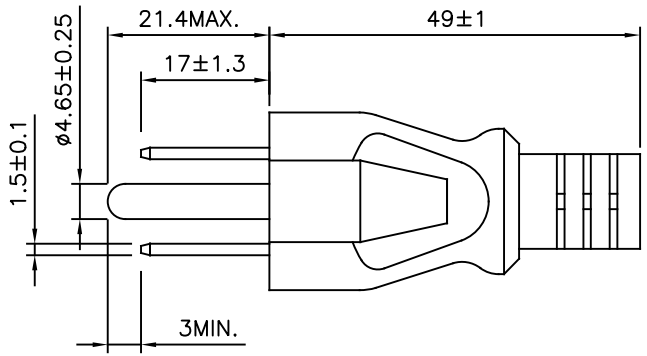
| | | |
|---|---|---|
| DRAWN: | ALLIE | 14/03/22 |
| CHECK: | Jan Fu | 16/03/22 |
| APPR: | Chum | 16/03/22 |
| REV: | BU | |
| REFERENCE: | | |

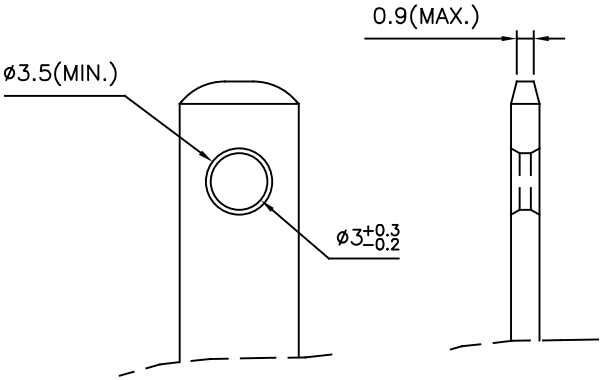
TITLE : JAPANESE CONNECTOR

**Volex (Asia) Pte Ltd**

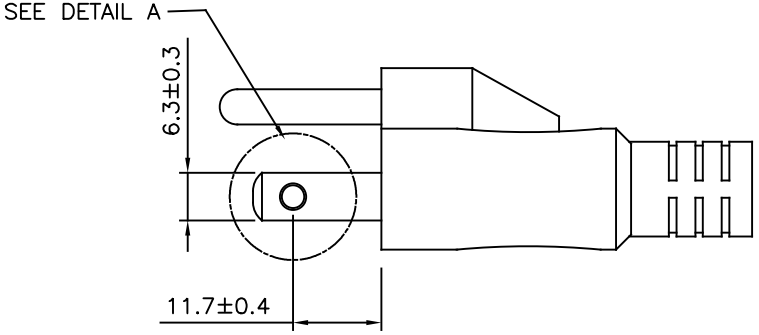
| REV. | DESCRIPTION | DATE |
|---|---|---|
| M | ADD IN MANU. LOCATION MARK 'VH'. | 11/12/20 |
| N | REMOVE MANU. LOCATION MARK 'VC'.<br>ADD IN MANU. LOCATION MARK 'VS'. | 15/09/21 |

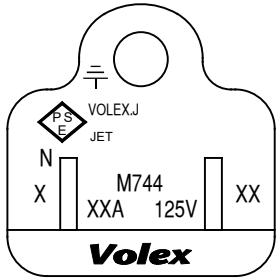



DETAIL A




MARKING DETAILS :

TABLE :

| CURRENT (XXA) | 3A | | 7A | | 12A | √ | 15A | |
|---|---|---|---|---|---|---|---|---|

NOTES :

1.) ALL DIMENSIONS IN mm.
2.) X – CAVITY NO. (OPTIONAL)
3.) XX – MANUFACTURING LOCATION
4.) XXA 125V – RATING (REFER TO TABLE)

| | | | | |
|---|---|---|---|---|
| HG | HENG GANG (CHINA) | X | X | X |
| SM1/SMI | ZHONGSHAN (CHINA) | X | X | X |
| VH | HANOI (VIETNAM) | X | X | X |
| B | BATAM (INDONESIA) | X | X | X |
| VS | SU ZHOU (CHINA) | X | X | X |
| MANUFACTURE LOCATION MARK (' X ' IS APPLICABLE ONLY) | | ≤3A | >3~7A | >7~15A |

| | | | |
|---|---|---|---|
| DRAWN | FUWANG | 15/09/21 | FILE NAME : A-PLUG/JAPAN/PSE/GENERAL/M744-JAPANESE |
| CHECK | Wanfang | 15/09/21 | |
| APPR | Vicent | 15/09/21 | |
| REV. | N | SCALE | N.T.S. |

REFERENCE :

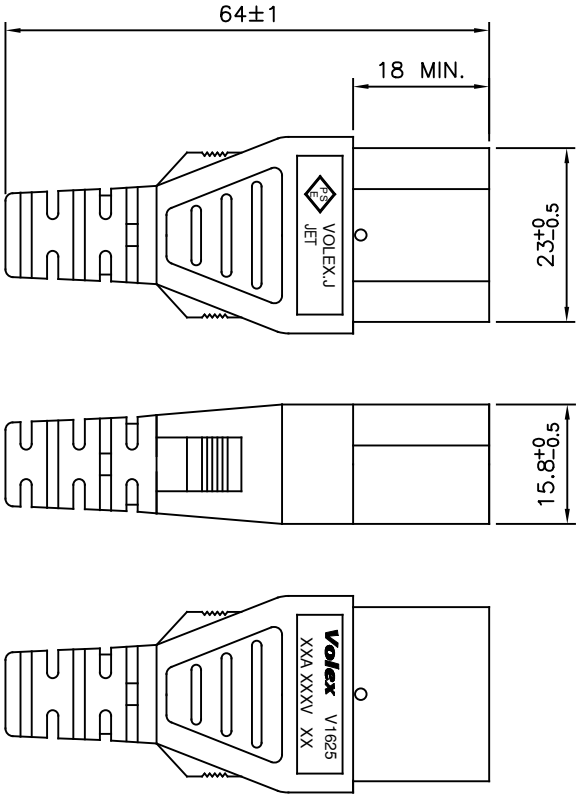
JAPANESE APPROVAL

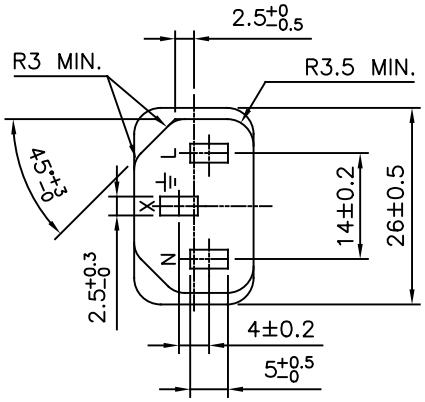
TITLE :

MOLDED PLUG
M744

**Volex (Asia) Pte Ltd**

| REV. | DESCRIPTION | DATE |
|---|---|---|
| R | ADD IN A CURRENT '13A' IN TABLE. | 30/08/21 |
| S | REMOVE MANU. LOCATION MARK 'VC'.<br>ADD IN MANU. LOCATION MARK 'VS'. | 14/09/21 |



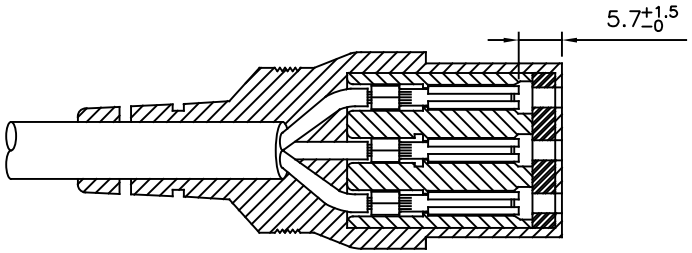




TABLE :

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| VOLTAGE (XXXV) | 250V | | 125V | ✓ | | | | | | | |
| CURRENT (XXA) | 3A | | 7A | | 10A | | 12A | ✓ | 13A | | 15A |

VOLEX.J
JET

Volex V1625
XXA XXXV XX

MARKING DETAILS

NOTES :

1.) ALL DIMENSIONS IN mm.
2.) X – CAVITY NO. (OPTIONAL)
3.) XX – MANUFACTURING LOCATION.
4.) XXA XXXV – RATING. (REFER TO TABLE)

| | | | | | |
|---|---|---|---|---|---|
| HG | HENG GANG (CHINA) | X | X | X | X |
| SM1/SMI | ZHONGSHAN (CHINA) | X | X | X | X |
| VH | HANOI (VIETNAM) | X | X | X | |
| B | BATAM (INDONESIA) | X | X | X | |
| VS | SU ZHOU (CHINA) | | X | X | X |
| MANUFACTURE LOCATION MARK (' X ' IS APPLICABLE ONLY) | | ≤3A (125V) | >3~7A (125V) | >10~15A (125V) | >10~15A (250V) |

| | | | |
|---|---|---|---|
| DRAWN | FUWANG | 14/09/21 | FILE NAME : A-CONN/JAPAN/PSE/GENERAL/V1625-PSE |
| CHECK | Wenfang | 14/09/21 | |
| APPR | Vicent | 14/09/21 | |
| REV. | S | SCALE | N.T.S. |

REFERENCE :

JAPANESE APPROVAL

TITLE :

MOLDED CONNECTOR
V1625

**Volex (Asia) Pte Ltd**