



## Test Verification of Conformity


On the basis of the tests undertaken, the sample(s) of the below product have been found to comply with the essential requirements of the referenced specifications at the time the tests were carried out.

**Applicant Name & Address** : Ming Kee Manufactory Limited  
Flat A & B, 9/F., Fook Shing Ind. Bldg.,  
1A Yuk Yat St.,  
Tokwawan, Kowloon, Hong Kong

**Product(s) Tested** : (A) 6 Gang 13A Non-rewireable Extension Socket with Cable Length up to 15m  
(B) 6 Gang 13A Non-rewireable Extension Socket with Neon with Cable Length up to 15m  
(C) 4 Gang 13A Non-rewireable Extension Socket with Cable Length up to 15m  
(D) 4 Gang 13A Non-rewireable Extension Socket with Neon Light with Neon with Cable Length up to 15m  
(E) 2 Gang 13A Non-rewireable Extension Socket with Cable Length up to 15m  
(F) 2 Gang 13A Non-rewireable Extension Socket with Neon with Cable Length up to 15m

**Ratings and principal characteristics** : 13A 250V~

**Model(s)** : A) 2068 (B) 2068N (C) 9988 (D) 9988N (E) 2118 (F) 2118N

**Brand name** : 

**Relevant Standard(s)/Specification(s)** : BS 1363-2 : 1995 +AMD 9542 +AMD 14538  
13A Switched And Unswitched Socket-Outlets  
  
Schedule 1 and Item 5, Schedule 2 of Hong Kong Electrical Products (Safety) Regulation (L.N. 187 of 1997)

**Verification Issuing Office Name & Address** : Intertek Testing Services Hong Kong Ltd.  
2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong.

**Verification/Report Number(s)** : ET-R0718679

**NOTE :** This verification is part of the full test report(s) and should be read in conjunction with it.

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Signature

Name: Wong Woo Ping  
Position: Assistant Manager  
Date: 13<sup>th</sup> August, 2007

**Issuing Laboratory:**  
**Intertek Testing Services Hong Kong Limited**

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## TEST REPORT

**Applicant:** Ming Kee Manufactory Limited  
 Flat A & B, 9/F., Fook Shing Ind. Bldg.,  
 1A Yuk Yat St.,  
 Tokwawan, Kowloon, Hong Kong

**Number:** ET-R0718679

**Date:** 13 August, 2007

**Sample Description**  
**Product**

- (A) 6 Gang 13A Non-rewireable Extension Socket with Cable Length up to 15m
- (B) 6 Gang 13A Non-rewireable Extension Socket with Neon with Cable Length up to 15m
- (C) 4 Gang 13A Non-rewireable Extension Socket with Cable Length up to 15m
- (D) 4 Gang 13A Non-rewireable Extension Socket with Neon Light with Neon with Cable Length up to 15m
- (E) 2 Gang 13A Non-rewireable Extension Socket with Cable Length up to 15m
- (F) 2 Gang 13A Non-rewireable Extension Socket with Neon with Cable Length up to 15m



**Brand Name**  
**Model No.**

- (A) 2068 (B) 2068N
- (C) 9988 (D) 9988N
- (E) 2118 (F) 2118N

**Electrical Rating**  
**No. of Samples**

- 13A 250V~
- (A) 3 (B) 27 (C) - (F) 3

**Date Received**

14-03-2005 to 02-08-2007

**Date Test Conducted**


15-03-2005 to 13-08-2007

**Test Requested**

Test for compliance with BS 1363-2 : 1995

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Prepared and checked by:

  
 \_\_\_\_\_  
 Wong Woo Ping  
 Assistant Manager  
 Intertek Hong Kong  
 ETL SEMKO

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**TEST REPORT**

Number : ET-R0718679

- Test Method : (A) BS 1363-2 : 1995 +AMD 9542 +AMD 14538  
(B) Schedule 1 and Item 5, Schedule 2 of Hong Kong Electrical Products (Safety) Regulation (L.N. 187 of 1997)
- Test Result : See the attached sheets
- Conclusion : The submitted samples **Complied** with the above safety standards/ requirement. But the note should be noted.
- Note : When determining the test conclusion, measurement uncertainty of test has been considered.
- Remark :
  1. The test for compliance with Schedule 1 and Item 5, Schedule 2 of Hong Kong Electrical Products (Safety) Regulation (L.N.187 of 1997) was not in our HOKLAS scope.
  2. Samples of model 2068, 2068N, 9988N, 2118 and 2118N in this report have the same basic construction as model 9988. The differences are change of no. of gangs and addition of neon lamp. Except clauses 6, 8 and 20 are repeated, all other test results were referred to model 9988.
  3. This report is derived from report no. ET-R0504480 dated 21 April, 2005.

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## TEST REPORT

Test Result:

Number : ET-R0718679

(A) BS 1363-2 : 1995

The submitted samples were classified in accordance with clause 6 as multiple, unswitched, unfused, portable non-rewireable socket-outlet with and without indicator lamp. In accordance with clause 5.2, all inspection and tests were carried out as specified in clauses listed in Table 1 (Test Schedule) on the number of samples and in the order given.

The title of clauses was indicated in appendix II for reference.

1. Inspection, Measurement, Gauging and Manipulation

<u>Sample No.</u>	<u>Test (Clause Reference)</u>	<u>Result</u>
A1, A2, A3	5, 6, 7, 9.1, 11.1, 9.2, 9.4, 10.1, 13.1, 13.2, 13.3, 13.9, 13.10, 13.12, 13.14, 13.15, 13.16, 13.17, 13.18, 13.20, 19.2, 19.3, 19.4, 19.6, 21, 8	Complied

2. General

<u>Sample No.</u>	<u>Test (Clause Reference)</u>	<u>Result</u>
B1, B2, B3	5, 9.3, 21.3 (10.2 and 10.3* only), 19.1, 14.2, 13.13* (9.1.1 only), 13.4.1a, 13.4.1b, 13.5, 13.6	Complied
C1, C2, C3	5, 13.13* (20.1.2* only) 17, 13.11* (13.11.1* only), 16, 19.5, 21.3	Complied
D1, D2, D3	5, 14.1, 15, 18.1.2 (9.1, 16, 13.19, 15, 13.4.1a, 10.2, 13.6, 13.7, 13.8)	Complied
E1, E2, E3	5, 14.2, 18.1.3*, 20	Complied

3. Material

<u>Sample No.</u>	<u>Test (Clause Reference)</u>	<u>Result</u>
F1, F2, F3	5, 22	Complied
G1, G2, G3	5, 23.2	Complied
H1, H2, H3	5, 23.3, 24, 21.3	Complied

Note : The clause with an "\*" was not applicable.

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## TEST REPORT

Test Result:

Number : ET-R0718679

(A) BS 1363-2 : 1995

4. Positive break

<u>Sample No.</u>	<u>Test (Clause Reference)</u>	<u>Result</u>
11, 12, 13	5, 13.11.2	Not Applicable

Note : The clause with an "\*" was not applicable.

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## TEST REPORT

Test Result:

Number : ET-R0718679

(B1) Schedule 1 of Hong Kong Electrical Products (Safety) Regulation (\* See Remark 1)

<u>Specific Safety Requirement</u>	<u>Result</u>
1. General conditions	Complied
Sample was marked with :	
A) Rated voltage and frequency	
B) Rated current	
C) Model number	
D) Trademark	
2. Protection against hazards arising from an electrical product	Complied
3. Protection against hazards which may be caused by external influences on an electrical product	Complied

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**TEST REPORT**

Test Result:

Number : ET-R0718679

(B2) Hong Kong Electrical Products (Safety) Regulation, Schedule 2 (\*See Remark 1)

Item 5

Prescribed Product

Any extension unit that is designed for household use at a voltage of not less than 200V alternating current single phase.

Specific safety requirement

RESULT

- |   |                |
|---|----------------|
| (1) The extension unit shall be of one of the following designs-  | Complied       |
| (a) a 5A extension unit fitted with-  |                |
| (i) a 5A plug and a 3-core flexible cord; and   | Not Applicable |
| (ii) one or more 5A sockets with a 5A main fuse-link for the protection of all the sockets;   | Not Applicable |
| (b) a 13A extension unit fitted with-   |                |
| (i) a 13A fused plug and a 3-core flexible cord; and  | Complied       |
| (ii) a combination of-  |                |
| (A) one or more 13A sockets without a main fuse-link;   | Not Applicable |
| (B) one or more 5A sockets with a 5A main fuse-link for the protection of all the 5A sockets; or  | Not Applicable |
| (C) one or more 13A sockets without a main fuse-link and one or more 5A sockets with a 5A main fuse-link for the protection of all the 5A sockets; or | Not Applicable |
| c) a 15A extension unit fitted with-  |                |
| i) a 15A plug and a 3-core flexible cord; and   | Not Applicable |
| ii) a combination of -  |                |
| (A) one 13A or 15A socket and not more than two 5A sockets with a 5A main fuse-link for the protection of all the 5A sockets; or                      | Not Applicable |
| (B) not more than three 5A sockets with an individual 5A fuse-link for the protection of each of the 5A sockets.                                      | Not Applicable |

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## TEST REPORT

Test Result:

Number : ET-R0718679

(B2) Hong Kong Electrical Products (Safety) Regulation, Schedule 2 (\*See Remark 1)

<u>Specific safety requirement</u>	<u>RESULT</u>
(2) The 5A, 13A and 15A plugs of the extension unit shall meet the specific safety requirements of plugs specified in this Schedule in addition to the essential safety requirements for electrical products specified in Schedule 1.	Complied
(3) The flexible cord of the extension unit shall meet the specific safety requirements of flexible cord specified in this Schedule in addition to the essential safety requirements for electrical products specified in Schedule 1.	Complied
(4) The flexible cords for 5A, 13A and 15A extension units shall be of a minimum cross sectional area of 0.75mm <sup>2</sup> , 1.25mm <sup>2</sup> and 1.5mm <sup>2</sup> respectively.	Complied
(5) All sockets shall be on the top engagement surface of the extension unit and shall be so designed that they can be used simultaneously.	Complied
(6) Each socket of the extension unit shall be designed to accommodate only one type of plug.	Complied
(7) The word "FUSED" or "FUZE" or equivalent symbol (≡) together with the information regarding the minimum cross sectional area (referred to in paragraph (4)) of the respective flexible cords for 5A, 13A and 15A shall be marked on the external surface of the socket portion of an extension unit.	Not Applicable
(8) Safety shutters, to be automatically operated by the insertion of the earthing pin, shall be provided for all the sockets.	Complied
(9) A main fuse-link of current rating at 5A conforming to BS 646 or BS 1362 shall be provided for the protection of all the 5A sockets in the extension unit.	Not Applicable
(10) For a 15A extension unit with the design described in paragraph (1)(c)(ii)(B), an individual 5A fuse-link conforming to BS 646 or BS 1362 shall be provided for the protection of each of the 5A sockets.	Not Applicable
(11) The 5A socket shall be designed and constructed to BS 546 and matched with the dimensions of a 5A 3-round-pin plug.	Not Applicable

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## TEST REPORT

Test Result:

Number : ET-R0718679

(B2) Hong Kong Electrical Products (Safety) Regulation, Schedule 2 (\*See Remark 1)

Specific safety requirement

RESULT

- |   |                |
|---|----------------|
| (12) The 13A socket shall be designed and constructed to BS 1363 Part 2.  | Complied       |
| (13) The 15A socket shall be designed and constructed to BS 546 and matched with the dimensions of a 15A 3-round-pin plug.  | Not Applicable |
| (14) The socket portion of an extension unit may be supplied separately provided it can comply with the corresponding safety requirements specified in this schedule and information regarding the connection of the plug and the minimum cross sectional area (referred to in paragraph (4)) of a flexible cord shall be marked on the external surface of the socket portion. | Not Applicable |

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## TEST REPORT

Appendix I:

Number : ET-R0718679

Table of critical components and materials

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity
Flexible cord	Supeready Electrical (Fenghua) Co. Ltd.	-	3 x 1.25mm <sup>2</sup>	BS6500	BSI
Plug	PMS	9518	$\frac{13}{250} \sim$	BS1363-1	BSI

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**TEST REPORT**

Appendix II:

Number : ET-R0718679

The following information was moulded on the sample:

13A 250V a.c. BS1363/A

Total Load must not

Exceed 13A



For Model 2068, 2068

For Model 2068N, 2068N

For Model 9988, 9988

For Model 9988N, 9988N

For Model 2118, 2118

For Model 2118N, 2118N

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**TEST REPORT**

Appendix III:

Number : ET-R0718679

BS 1363-2 : 1995

<u>Clause</u>	<u>Title</u>
1	Scope
2	Conditions of use
3	Definitions
4	General
5	General conditions for type testing
6	Classification
7	Marking and Labelling
8	Creepage distances, clearances and solid insulation
9	Accessibility of live parts
10	Provision for earthing
11	Terminals and terminations
12	Not used
13	Construction of socket-outlets
14	Resistance to ageing and humidity
15	Insulation resistance and electric strength
16	Temperature rise
17	Breaking capacity of socket-outlets
18	Normal operation of socket-outlets
19	Connection of flexible cords and cord anchorage
20	Mechanical strength
21	Screws, current-carrying parts and connections
22	Resistance to heat
23	Resistance to abnormal heat and fire
24	Resistance to excessive residual stresses and to rusting

\*\*\*\*\* End of Report \*\*\*\*\*