

File E170507
Project 08ME09223

October 7, 2008

REPORT

ON

UNLISTED COMPONENT - Attachment Plugs, Fuseless

For Use Only In

APPLICANT'S CLASSIFIED, LISTED OR RECOGNIZED PRODUCTS,
SYSTEMS OR COMPONENTS

Globtek Inc
Northvale, NJ

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DESCRIPTION

PRODUCT COVERED:

USU, CNU - Unlisted Component, Appliance Inlet, Cat. No. Q-C18(R).

ELECTRICAL RATING:

<u>Cat. No.</u>	<u>Config.</u>	<u>Voltage Rating, V</u>	<u>Current Rating, A</u>
Q-C18(R)	C14	250 ac	3

TECHNICAL CONSIDERATION (NOT FOR FIELD REPRESENTATIVE'S USE):

Use - For use only in (or with) Applicant's Direct-Plug-In Switching Power Adapter, Power supplies, where the acceptability is determined by Underwriters Laboratories Inc.

USU indicates investigation to the US Standard for Attachment Plugs and Receptacles, UL 498, Fourteenth Edition.

CNU indicates investigation to the Canadian Standard for the Safety of Special Use Attachment Plugs, Receptacles, and Connectors, CSA C22.2 No. 182.3-M1987, First Edition.

Conditions of Acceptability - When installed in the end product, consideration shall be given to the following:

1. The suitability of the mounting means shall be determined in each end-use application.
2. The suitability at electrical connection to the terminal shall be determined in each end-use application.
3. Temperature on body of the component shall not exceed 60 °C during the end-use application. The maximum temperature rise on terminal of the component shall not exceed 30 °C during end-use application.
4. This device shall be installed in compliance with the enclosure, mounting, spacing, casualty, and segregation requirements in each end-use application.

CONSTRUCTION DETAILS:

Refer to the following photo and descriptive indices for construction details.

Spacings - A minimum spacing of 1.2 mm for devices rated 250 V or less, minimum of 3.2 mm for devices rated greater than 250 V provided through air and over surface between live metal parts of opposite polarity and between live parts and exposed dead-metal parts.

Markings - See Section General.

Tolerances - Unless otherwise specified, all dimensions are nominal.

CAT. NO. Q-C18(R)- FIG. 1

General - The general design, shape, and arrangement shall be as shown except where specific variations are described.

1. Body - Molded of Polyphenylene Ether + Polystyrene (PPE+PS), R/C (QMFZ2), manufactured by Sabic Innovative Plastics China Co Ltd, (E161723), Cat. No. SE1X(GG)(f1), rated V-1, 105 °C, measured minimum 1.75 mm thick. See ILL. 1 for dimensional details.
2. Line/Neutral Contacts - Two provided, copper alloy with nickel plating, secured to body by molding. See ILL. 2 for dimensional details.

TEST RECORD NO. 1

SAMPLES:

Production Samples of Appliance Inlet as indicated below and constructed as described herein, was submitted by the manufacturer for examination and test.

Cat. Nos. Tested	Insulating Body Material (#)	Tests Conducted
Q-C18(R)	A	ALL

(#) - Code for Insulating Body Material.

- A. Sabic Innovative Plastics China Co Ltd, (E161723), Cat. No. SE1X(GG)(f1).

GENERAL:

Tests conducted in accordance with UL 498 that were considered representative of the same tests required by Canadian Standard, CSA C22.2 No. 182.3-M1987 are identified with dual paragraph/clause references in the following tables. Where test names differ or additional tests were conducted in accordance with Canadian Standard, CSA C22.2 No. 182.3-M1987, they are identified by the Standard and paragraph/clause information enclosed by parenthesis.

Test results relate only to the items tested.

The following tests were conducted.

UL 498, Section / CSA C22.2 No. 182.3-M1987, Clause	Test	Notes
60 / 6.6	Dielectric Voltage Withstand Test / (Dielectric Strength)	2000 V
58 & 60 /	Mold Stress Relief Test; D. V. W.	70 °C, 7 h; 2000 V
62 /	Insulation Resistance Test	
82 / 6.5	Terminal Temperature Test / (Temperature)	3 A, measured maximum temperature rise 1.7 °C over ambient

The test methods and results of the above tests have been reviewed and found in accordance with the requirements in the Standard for Safety for Attachment plugs and Receptacle, UL 498, Fourteenth Edition and the Canadian Standard for Special Use Attachment Plugs, Receptacles, and Connectors, CSA C22.2 No. 182.3-M1987, First Edition.

TEST RECORD SUMMARY:

The results of this investigation indicate that the products evaluated comply with the applicable requirements in the Standards noted below and, therefore, such products are judged eligible to bear the special identification marking described on the Conclusion Page of this Report.

Standard	Title	Edition	Revision Date
UL 498	Attachment plugs and Receptacles	Fourteenth	November 16, 2007
CSA C22.2 No. 182.3-M1987	Special Use Attachment Plugs, Receptacles, and Connectors	First	September 1989

Any information and documentation provided to you involving UL Mark services are provided on behalf of Underwriters Laboratories Inc. (UL) or any authorized licensee of UL.

CONCLUSION

Samples of the component covered by this Report have been found to comply with the requirements covering the category for factory-installed components for this Applicant's Listed, Classified or Recognized basic equipment where the acceptability of the products in combination is determined by Underwriters Laboratories Inc. and where the products are judged to be eligible for Unlisted Component Recognition and Follow-Up Service. The manufacturer is authorized to use the specific identification marking described in the Follow-Up Service Procedure on such products which comply with said Procedure and any other applicable requirements. Only those products which properly bear the above specific identification are considered as Unlisted Components by Underwriters Laboratories Inc. Any information and documentation involving UL Mark services are provided on behalf of Underwriters Laboratories Inc. (UL) or any authorized licensee of UL.

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