

File E62388
Project 12SC02083

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Report

On

COMPONENT - ELECTROMAGNETIC INTERFERENCE FILTERS

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Akita-Ken, Japan

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DESCRIPTION

PRODUCT COVERED:

USR, CNR Component - Electromagnetic Interference Filters, Appliance Filter, Models RSEG-20R5, RSEG-2001, RSEG-2002, RSEG-2003, RSEG-2004, RSEG-2006, RSAG-20R5, RSAG-2001, RSAG-2002, RSAG-2003, RSAG-2004, RSAG-2006.

GENERAL:

These devices are electromagnetic interference (EMI) filters intended for incorporation in appliances or similar equipment. They incorporate terminals intended for factory wiring only.

ELECTRICAL RATING:

Catalog. No.	Rated Voltage (V ac)	Rated Current (A)	Frequency. (Hz)	Phase	Maximum Ambient (°C)
RSEG-20R5	250	0.5	50-60	single	55
RSEG-2001	250	1	50-60	single	55
RSEG-2002	250	2	50-60	single	55
RSEG-2003	250	3	50-60	single	55
RSEG-2004	250	4	50-60	single	55
RSEG-2006	250	6	50-60	single	55
RSAG-20R5	250	0.5	50-60	single	55
RSAG-2001	250	1	50-60	single	55
RSAG-2002	250	2	50-60	single	55
RSAG-2003	250	3	50-60	single	55
RSAG-2004	250	4	50-60	single	55
RSAG-2006	250	6	50-60	single	55

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

Use - For use only (or with) in complete equipment where the acceptability of the combination is determined by UL LLC.

*USR - Indicates **the filters have been investigated to the requirements of UL Standard as noted in Test record.**

CNR - Indicates **the filters have been investigated to the requirements of the Canadian Standard as noted in Test record.**

NOMENCLATURE:

Example: RSEG-20R5

A	B	C
RSEG	2	0R5

A - Core Material

RSEG: Ferrite Core

RSAG: Amorphous Core

B - Rated Voltage

2: 250 V ac

C - Rated Current

0R5: 0.5 A

001: 1 A

002: 2 A

003: 3 A

004: 4 A

006: 6 A

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

1. Leakage current test for the products covered in this Report are for reference only. Leakage current should be measured in the end-product to determine compliance with the applicable end-product requirements.
2. Equipment leakage in the grounding conductor should be measured in the end-product to determine compliance with the applicable end-product requirements.
3. Electrical spacings from uninsulated parts and the enclosure shall comply with the requirements of the end-use product.
4. The filter should be provided with an overall enclosure suitable for the applicable end-product requirements.
5. The electrical ratings specified should not be exceeded.
6. The wiring terminals have not been investigated for use as field wiring terminals. The terminals are suitable for factory wiring only.
7. These models have been evaluated to operate at an ambient temperature of 55°C.
8. Suitability of mounting means should be determined in the end use product.
9. Suitability of the grounding lead termination should be determined in the end use product.
10. Abnormal Operating tests were conducted as follows, tested using a 10 A fuse:

Model	Test current [A]
RSEG-2006	1000