File E62388
Project 07SC02610

July 11, 2007

REPORT

On

COMPONENT - ELECTROMAGNETIC INTERFERENCE FILTERS

TDK Corp. Inductive Devices Div.
YURI-GUN, Japan

DESCRIPTION

PRODUCT COVERED:

USR Component - Electromagnetic Interference Appliance Filters,

Model RSEN-2003, RSEN-2006, RSEN-2010, RSEN-2016, RSEN-2020, RSEN-2030, RSEN-2040, RSEN-2050, RSEN-2060.

Model RSEN-2003L, RSEN-2006L, RSEN-2010L, RSEN-2016L, RSEN-2020L, RSEN-2030L, RSEN-2040L, RSEN-2050L, RSEN-2060L.

Model RSAN-2003, RSAN-2006, RSAN-2010, RSAN-2016, RSAN-2020, RSAN-2030, RSAN-2040, RSAN-2050, RSAN-2060.

Model RSAN-2003L, RSAN-2006L, RSAN-2010L, RSAN-2016L, RSAN-2020L, RSAN-2030L, RSAN-2040L, RSAN-2050L, RSAN-2060L.

ELECTRICAL RATINGS:

Catalog. No.	Volts (V ac)	Current (A)	Frequency. (Hz)	Phase	Maximum Ambient (°C)
RSEN-2003 RSEN-2003L	250	3	50/60	1	55
RSEN-2006 RSEN-2006L	250	6	50/60	1	55
RSEN-2010 RSEN-2010L	250	10	50/60	1	55
RSEN-2016 RSEN-2016L	250	16	50/60	1	55
RSEN-2020 RSEN-2020L	250	20	50/60	1	55
RSEN-2030 RSEN-2030L	250	30	50/60	1	55
RSEN-2040 RSEN-2040L	250	40	50/60	1	55
RSEN-2050 RSEN-2050L	250	50	50/60	1	55
RSEN-2060 RSEN-2060L	250	60	50/60	1	55

ELECTRICAL RATINGS(CONT.):

Catalog. No.	Volts (V ac)	Current (A)	Frequency. (Hz)	Phase	Maximum Ambient (°C)
RSAN-2003 RSAN-2003L	250	3	50/60	1	55
RSAN-2006 RSAN-2006L	250	6	50/60	1	55
RSAN-2010 RSAN-2010L	250	10	50/60	1	55
RSAN-2016 RSAN-2016L	250	16	50/60	1	55
RSAN-2020 RSAN-2020L	250	20	50/60	1	55
RSAN-2030 RSAN-2030L	250	30	50/60	1	55
RSAN-2040 RSAN-2040L	250	40	50/60	1	55
RSAN-2050 RSAN-2050L	250	50	50/60	1	55
RSAN-2060 RSAN-2060L	250	60	50/60	1	55

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

For use only in complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc. The following are among the features which should be judged during the investigation of the equipment in which this filter is used:

Models have been judged on the basis of the spacing requirements in the Standard for Electromagnetic Interference Filters (UL 1283 Fifth Edition) which would cover the component itself if submitted for unrestricted Listing.

*USR - Indicates investigation to the Standard for Electromagnetic Interference Filters, UL 1283, Fifth Edition, **latest revision** dated **July 31, 2007.**

Conditions of Acceptability -

1. Leakage current shall be measured in the end-product to determine compliance with the applicable end-product requirements.

2. The end product shall not rely on the filter for grounding.

3. The filter shall be provided with an overall enclosure suitable for the applicable end-product requirements.

4. The electrical ratings specified shall not be exceeded.

5. These filters are not intended for use in radio, television, video, telephone, or telephone power supply type appliances.

6. The terminals have not been evaluated as field wiring terminals and shall be used for factory wiring only.

7. Suitability of mounting is to be determined in the end use product.

8. Suitability of grounding is to be determined in the end use product.

9. Polymeric covers have not been evaluated for mechanical strength of insulation.