

File E62388
Project 07SC02612

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REPORT

ON

COMPONENT - ELECTROMAGNETIC INTERFERENCE FILTERS

Tdk Corp. Inductive Devices Div.
Yuri-Gun, Japan

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DESCRIPTION

PRODUCT COVERED:

USR Component - Electromagnetic Interference Appliance Filters,
Model RSHN-2003, RSHN-2006, RSHN-2010, RSHN-2016, RSHN-2020, RSHN-2030,
Model RSHN-2003L, RSHN-2006L, RSHN-2010L, RSHN-2016L, RSHN-2020L, RSHN-2030L,
Model RSHN-2040, RSHN-2050, RSHN-2060,
Model RSMN-2003, RSMN-2006, RSMN-2010, RSMN-2016, RSMN-2020, RSMN-2030,
Model RSMN-2003L, RSMN-2006L, RSMN-2010L, RSMN-2016L, RSMN-2020L, RSMN-2030L,
Model RSMN-2040, RSMN-2050, RSMN-2060.

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ELECTRICAL RATINGS:

Catalog. No.	Volts (V ac)	Current (A)	Frequency. (Hz)	Phase	Maximum Ambient (°C)
RSHN-2003 RSHN-2003L RSMN-2003 RSMN-2003L	250	3	50/60	1	55
RSHN-2006 RSHN-2006L RSMN-2006 RSMN-2006L	250	6	50/60	1	55
RSHN-2010 RSHN-2010L RSMN-2010 RSMN-2010L	250	10	50/60	1	55
RSHN-2016 RSHN-2016L RSMN-2016 RSMN-2016L	250	16	50/60	1	55
RSHN-2020 RSHN-2020L RSMN-2020 RSMN-2020L	250	20	50/60	1	55
RSHN-2030 RSHN-2030L RSMN-2030 RSMN-2030L	250	30	50/60	1	55
RSHN-2040 RSMN-2040	250	40	50/60	1	55
RSHN-2050 RSMN-2050	250	50	50/60	1	55
RSHN-2060 RSMN-2060	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, **latset revision dated July, 31, 2007.**

Conditions of Acceptability -

- *1. **The maximum leakage current measured on the model are tabulated below. The suitability shall be determined in the end use application.**

Model	At normal operation (mA)	At reverse operation (mA)
RSHN-2030	1.0	1.0
RSHN-2060	0.42	0.42

2. The end product shall not rely on the filter for grounding.
3. The filter should be provided with an overall enclosure suitable for the applicable end-product requirements.
4. The electrical ratings specified should 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.