File E62388
Project 07SC03458

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REPORT

ON

COMPONENT - ELECTROMAGNETIC INTERFERENCE FILTERS

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

DESCRIPTION

PRODUCT COVERED:

USR Component - Electromagnetic Interference Appliance Filters,

*Model RSEL-20R5A, RSEL-2001A, RSEL-2002A, RSEL-2003A, RSEL-2006A.

*Model RSEL-20R5AL, RSEL-2001AL, RSEL-2002AL, RSEL-2003AL, RSEL-2006AL.

*Model RSEL-20R5W, RSEL–2001W, RSEL-2002W, RSEL-2003W, RSEL-2006W.

*Model RSEL-20R5WL, RSEL–2001WL, RSEL-2002WL, RSEL-2003WL, RSEL-2006WL.

*Model RSAL-20R5A, RSAL-2001A, RSAL-2002A, RSAL-2003A, RSAL-2006A.

*Model RSAL-20R5AL, RSAL-2001AL, RSAL-2002AL, RSAL-2003AL, RSAL-2006AL.

*Model RSAL-20R5W, RSAL–2001W, RSAL-2002W, RSAL-2003W, RSAL-2006W.

*Model RSAL-20R5WL, RSAL–2001WL, RSAL-2002WL, RSAL-2003WL, RSAL-2006WL.

ELECTRICAL RATINGS:

Catalog. No.	Volts (V ac)	Current (A)	Frequency. (Hz)	Phase	Maximum Ambient (°C)
RSEL-20R5A RSEL-20R5AL RSEL-20R5W RSEL-20R5WL RSAL-20R5A RSAL-20R5AL RSAL-20R5W RSAL-20R5WL	250	0.5	50/60	1	55
RSEL-2001A RSEL-2001AL RSEL-2001W RSEL-2001WL RSAL-2001A RSAL-2001AL RSAL-2001W RSAL-2001WL	250	1.0	50/60	1	55

ELECTRICAL RATINGS (CONT.)

Catalog. No.	Volts (V ac)	Current (A)	Frequency. (Hz)	Phase	Maximum Ambient (°C)
RSEL-2002A RSEL-2002AL RSEL-2002W RSEL-2002WL RSAL-2002A RSAL-2002AL RSAL-2002W RSAL-2002WL	250	2.0	50/60	1	55
RSEL-2003A RSEL-2003AL RSEL-2003W RSEL-2003WL RSAL-2003A RSAL-2003AL RSAL-2003W RSAL-2003WL	250	3.0	50/60	1	55
RSEL-2006A RSEL-2006AL RSEL-2006W RSEL-2006WL RSAL-2006A RSAL-2006AL RSAL-2006W RSAL-2006WL	250	6.0	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, dated November 30, 2005.

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 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.