

File E319615
Project 08CA17766

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REPORT

On

COMPONENT - ELECTROMAGNETIC INTERFERENCE FILTERS

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Shenzhen, China

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DESCRIPTION

PRODUCT COVERED:

USR, CNR - Component - Capacitors, Model MKP/MPX.

ELECTRICAL RATING:

Model	Input		Capacitance, uF
	Voltage, V ac	Frequency, Hz	
MKP/MPX	300/440	50/60	0.0022 - 4.7

TECHNICAL CONSIDERATIONS (Not For Field Representative's Use):

Use - For use only (or with) where the acceptability of the combinations determined by Underwriters Laboratories Inc.

USR - Indicates investigation to UL 1283, Standard for Electromagnetic Interference Filters, Fifth Edition.

CNR - Indicates investigation to Canadian Standard CSA C22.2 No.8-M1986.

Conditions Of Acceptability - The following shall be considered in determining the acceptability.

1. Electrical spacings from uninsulated parts and the enclosure shall comply with the requirements of the end-use product.
2. Electrical terminals have not been investigated as field wiring terminals.
3. The filters have not been investigated as Line to ground capacitor.
4. The filters shall not be used in circuits supplied from voltage sources with potentials greater than 440 V ac.
5. The effect of these products on the connected equipment and the adequacy of the filtering have not been evaluated.
6. These filters are suitable for use in a maximum air ambient of 110 °C. Additional evaluation should be made if the unit is intended to be used in a higher ambient temperature.
7. An enclosure shall be provided in compliance with the applicable end-use product requirements.
8. The capacitance tolerance shall be $\pm 10\%$ declared by the client.

CONSTRUCTION DETAILS:

Unless otherwise described, the following paragraphs apply to all units included in this Report.

Spacings - Electrical spacings of 12.7 mm are maintained over surface and 9.5 mm are maintained through air between uninsulated live-metal current carrying parts of opposite polarity.

Corrosion Protection - All ferrous metal parts are protected against corrosion by means of plating or painting.

Electrical Connections - Unless otherwise specified, all electrical connections are made by mechanically securing component leads and soldering.

Marking - the following items shall be marked

Company name and model designation.
Maximum rated ambient air temperature
Optionally marked electrical rating and date code.

Illustration - The following illustration is included in this Report.

<u>ILL. No.</u>	<u>Description</u>
1	MKP/MPX capacitors Dimension

MODEL DIFFERENCES:

All ratings in model MKP/MPX are identical except the capacitance and dimension.