

SAFETY ORGANIZATION(S):

THIS FILTER HAS BEEN FORMALLY RECOGNIZED, CERTIFIED OR APPROVED BY THE LISTED AGENCY. THEREFORE, ALL TEST/REQUIREMENTS SPECIFIED IN THE LATEST REVISION OF THE FOLLOWING AGENCY STANDARDS HAVE BEEN MET:

UL RECOGNIZED
CSA CERTIFIED
VDE APPROVED

UL 1283
CSA 22.2, NO.0,0.4,8
VDE 565-3

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT:

10 AMP., 120/250 VAC
6 AMP./40°C, 250 VAC
50-60Hz
40°C

LINE FREQUENCY:

MAX. CASE RISE θ RATED CURRENT:

MAX. LEAKAGE CURRENT, EACH
LINE TO GROUND

50-60Hz
40°C
.5 mA at 120V 60 Hz
1.0 mA at 250V 50 Hz
-10°C TO +40°C θ RATED CURRENT, I_r

OPERATING AMBIENT TEMP. RANGE:

IN AN AMBIENT, T_a , HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_o , IS AS FOLLOWS:

$$I_o = I_r \sqrt{\frac{85-T_a}{45}}$$

RELIABILITY SPECIFICATIONS:

STORAGE TEMPERATURE:
HUMIDITY:
CURRENT OVERLOAD TEST:

-40°C TO +85°C
21 DAYS @ 40°C 95% RH
6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE:
CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C $\pm$ 1°C)
LINE TO GROUND:
LINE TO LINE:
DISCHARGE RESISTOR
LINE/GROUND AND LINE/LINE
INSULATION RESISTANCE

7.13 mH NOMINAL
0.11 μ F $\pm$ 20%
.54 μ F $\pm$ 20%
330 K Ω
6000 M Ω (MIN) AT 100 VDC
20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINES TO GROUND:
LINE TO LINE:

2250 VDC FOR 1 MINUTE
1450 VDC FOR 1 MINUTE

FILTER APPROVAL:

THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.

50 Ω - 50 Ω (MINIMUM) INSERTION LOSS													
FREQUENCY MHz		.01	.02	.05	.08	.1	.15	.5	1	5	10	20	30
COMMON dB		4	11	19	23	25	29	43	50	47	48	51	40
DIFF. dB		1	1	2	3	3	10	55	65	65	60	50	50

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FINISH:

AS SUPPLIED

TOLERANCE EXCEPT AS NOTED
DECIMAL: .XXX .XX .X ANGLES
ENGLISH: $\pm$.025
METRIC: $\pm$ —

MATERIAL:

AS SUPPLIED

SCALE NTS

DATE 8-7-90

DRG. NO.

10VSK7 & 10VSK7M

REV.

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