

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 (PENDING)  
VDE APPROVED (PENDING)

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

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT:  
3 AMP., 120/250 VAC  
3 AMP./40°C, 250 VAC  
50-60HZ

LINE FREQUENCY:

MAX. LEAKAGE CURRENT, EACH  
LINE TO GROUND  
OPERATING AMBIENT TEMP. RANGE:

.50 mA @ 120V 60 Hz  
.83 mA @ 250V 50 Hz  
-10°C TO +40°C @ RATED CURRENT, I<sub>r</sub>

IN AN AMBIENT, T<sub>a</sub>, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I<sub>o</sub>, 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: 1.76 mH NOMINAL  
CAPACITANCE: (MEASURED @ 1 KHZ, 0.25 VAC MAX., 25°C ±1°C)  
LINE TO GROUND: .0055µF ±20%  
LINE TO LINE: 1.08µF ±20%  
DISCHARGE RESISTOR 330KΩ  
LINE/GROUND AND LINE/LINE INSULATION RESISTANCE 6000 MΩ (MIN) AT 100 VDC 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINES TO GROUND: 2250 VDC FOR 1 MINUTE  
LINE TO LINE: 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.

FREQUENCY MHZ	50Ω - 50Ω (MINIMUM) INSERTION LOSS									
	.15	.5	1	2	5	10	20	30		
COMMON dB	20	35	42	46	51	55	55	50		
DIFF. dB	30	55	65	65	65	62	62	62		

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TOLERANCE EXCEPT AS NOTED DECIMAL: .XXX .XX .X ANGLES ENGLISH: ±.025 .X ANGLES METRIC: ±	AS SUPPLIED
MATERIAL:	AS SUPPLIED
FINISH:	AS SUPPLIED



SCALE	DATE	DRG. NO.	REV.
NTS	111-5-90		
DRW. BY	ORIGINATOR		
CFW	CFW		
			3VDK3.00

