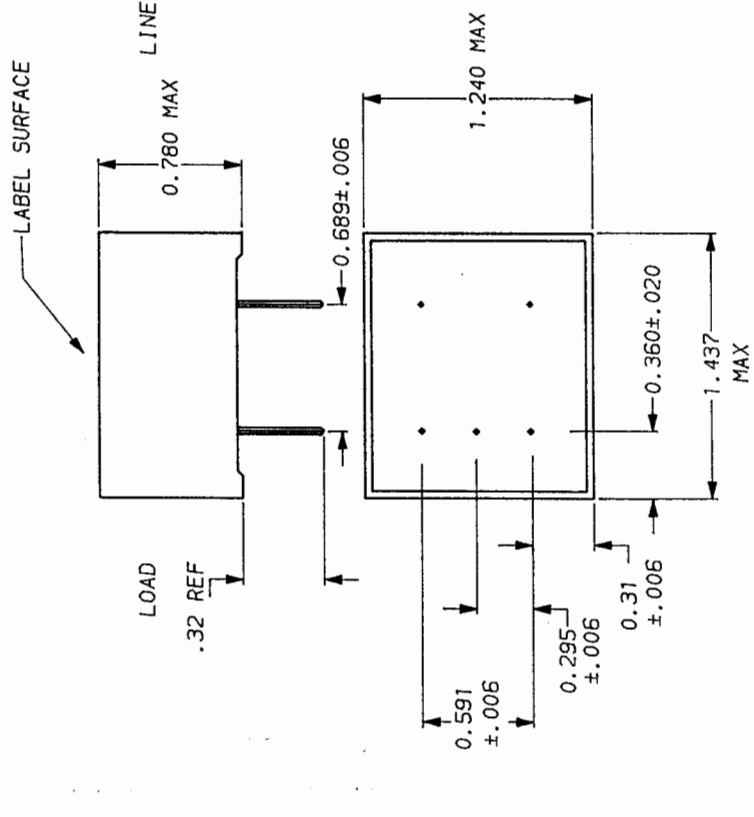


TAM 11/20/97
 APPROVED BY/DATE
 REV

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
- IN PROCESS
- CSA CERTIFIED
- IN PROCESS
- VDE APPROVED
- IN PROCESS



OPERATING SPECIFICATIONS:

- LINE VOLTAGE/CURRENT, 1 AMP., 120/250 VAC
- 50-60Hz
- LINE FREQUENCY, .25mA. at 120V 60 Hz
- MAX. LEAKAGE CURRENT, EACH .42mA at 250V 50 Hz
- LINE TO GROUND
- OPERATING AMBIENT TEMP. RANGE, -10°C TO +40°C @ RATED CURRENT, I_r
- IN AN AMBIENT, T_a, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_o, IS AS FOLLOWS:

$$I_o = I_r \sqrt{\frac{95 - T_a}{45}}$$

RELIABILITY SPECIFICATIONS:

- STORAGE TEMPERATURE, -25°C TO +85°C
- HUMIDITY, 21 DAYS @ 40°C 95% RH
- CURRENT OVERLOAD TEST, 6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

- INDUCTANCE, 10.0 mH NOMINAL
- CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ± 1°C)
- LINE TO GROUND, .003µF ± 20%
- LINE TO LINE, .02µF ± 20%
- DISCHARGE RESISTOR, 1.5MΩ
- LINE/GROUND AND LINE/LINE, 6000 MΩ (MIN) AT 100 VDC
- INSULATION RESISTANCE, 20°C AND 50% RH
- (W/O DISCHARGE RESISTOR)

RECOMMENDED RECEIVING INSPECTION HIPOT:

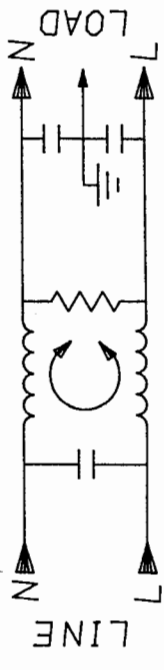
- LINES TO GROUND, 1500 Vdc FOR 1 MINUTE
- LINE TO LINE, 1450 Vdc FOR 1 MINUTE

FILTER APPROVAL:

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

50Ω - 50Ω MINIMUM INSERTION LOSS

FREQUENCY MHz	.01	.15	.50	1	3	4	5	8	10	20	30
COMMON	20	34	44	47	49	43	43	50	40	20	10
DIFF. dB	1	6	14	19	52	48	48	50	50	38	35



TOLERANCE EXCEPT AS NOTED
 DECIMAL, .XXX .XX .X ANGLES ± 1°
 ENGLISH, ± .025
 METRIC, ±

MATERIAL: AS SUPPLIED

FINISH:



LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE	DATE	DRG. NO.	REV.
NTS	10/21/92		1EOP.00
APP. BY	ORIGINATOR		
TAM	TAM		

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