

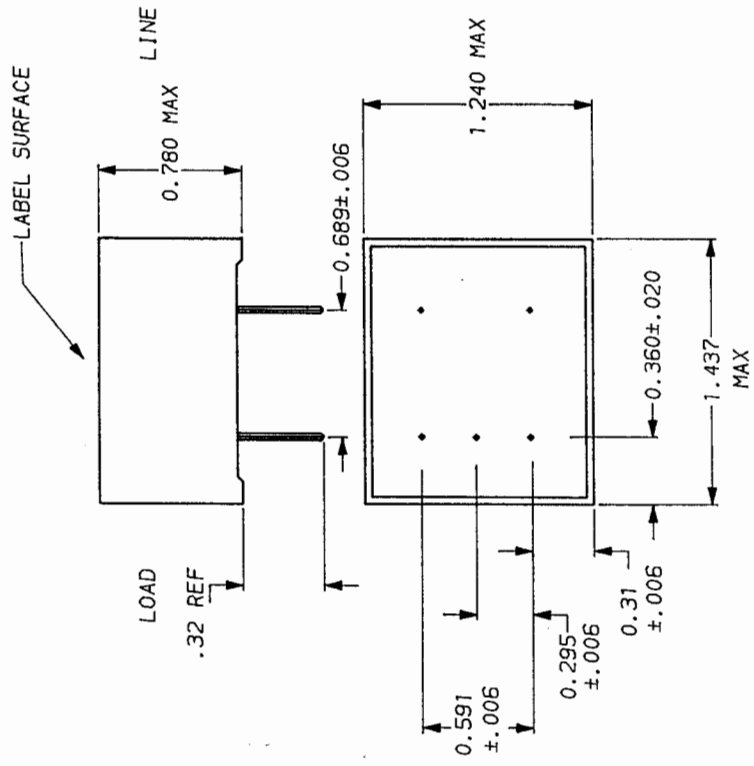
TAM 11/20/92
 APPROVED BY/DATE
 REV

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
 CSA CERTIFIED
 VDE APPROVED

IN PROCESS
 IN PROCESS
 IN PROCESS



OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT,
 1 AMP., 120/250 VAC
 1 AMP./40°C, 250 VAC
 50-60Hz
 MAX. LEAKAGE CURRENT, EACH
 .25mA. at 120V 60 Hz
 .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
 INSULATION RESISTANCE
 6000 MΩ (MIN) AT 100 VDC
 (W/O DISCHARGE RESISTOR)
 20°C AND 50% RH

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.

FREQUENCY MHz	50Ω - 50α (MINIMUM) INSERTION LOSS												
	.01	.15	.50	1	3	4	5	8	10	20	30		
COMMON	20	34	44	47	49	43	43	50	50	40	20	10	
DIFF. dB	1	6	14	19	25	28	28	35	38	48	50	38	35

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

MATERIAL: AS SUPPLIED

FINISH:



POWER LINE FILTER

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

