

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:

3.0 AMP., 120/250 VAC
2.5 AMP./40°C, 250 VAC
50-60Hz
40°C

LINE FREQUENCY:

MAX. CASE RISE θ RATED CURRENT:
MAX. LEAKAGE CURRENT, EACH
LINE TO GROUND
OPERATING AMBIENT TEMP. RANGE:

0.5mA at 120V 60 Hz
1.0 mA at 250V 50 Hz
-10°C TO +40°C θ RATED CURRENT, I_r

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

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

RELIABILITY SPECIFICATIONS:

STORAGE TEMPERATURE:

-40°C TO +85°C

HUMIDITY:

21 DAYS θ 40°C 95% RH

CURRENT OVERLOAD TEST:

6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE:

1.02 mH NOMINAL

CAPACITANCE: (MEASURED θ 1 KHz, 0.25 VAC MAX., 25°C $\pm$ 1°C)

LINE TO GROUND:

.011 μ F $\pm$ 20%

LINE TO LINE:

.543 μ F $\pm$ 20%

DISCHARGE RESISTOR:

330 K Ω

LINE/GROUND AND LINE/LINE

6000 M Ω (MIN) AT 100 VDC

INSULATION RESISTANCE

20°C AND 50% RH

(W/O DISCHARGE RESISTOR)

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINES TO GROUND:

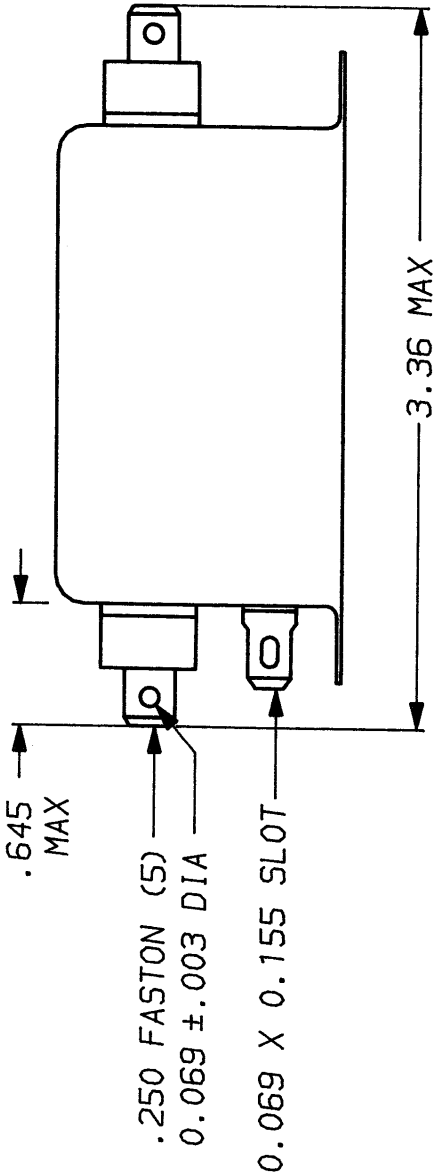
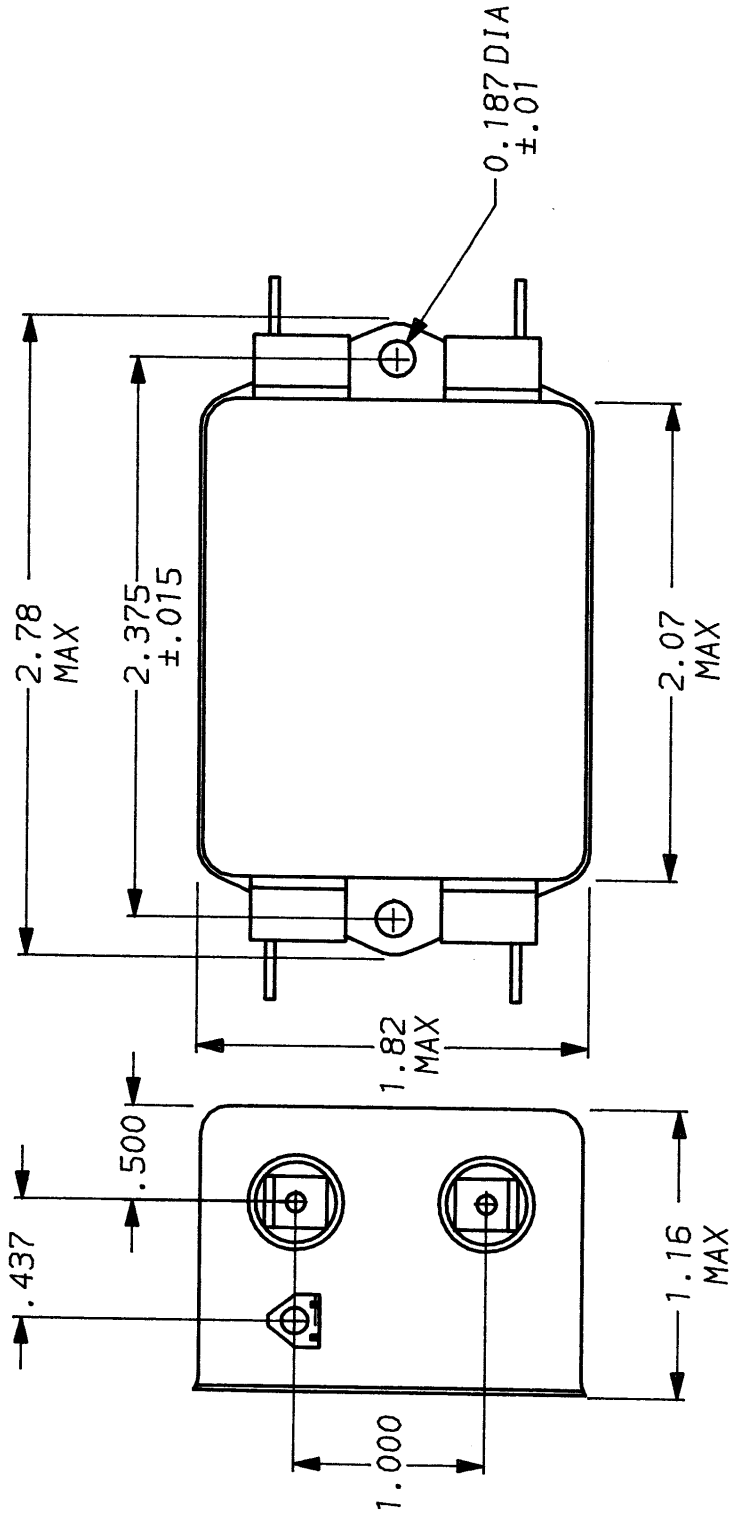
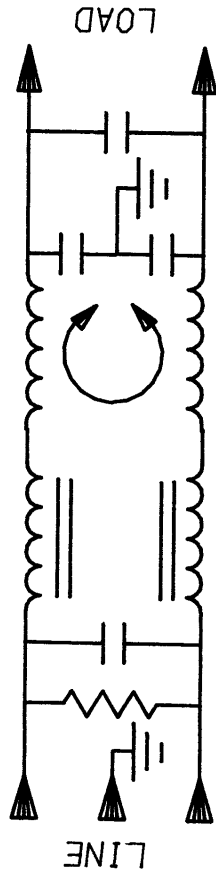
2250 VDC FOR 1 MINUTE

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.



50 Ω - 50 Ω (MINIMUM) INSERTION LOSS												
FREQUENCY MHz	.15.5	1	2	5	10	20	30					
COMMON dB	15	27	35	40	45	47	47					
DIFF. dB	35	65	65	65	62	50	40	45				
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				LIBERTYVILLE, IL 60048							
TOLERANCE EXCEPT AS NOTED		POWER LINE FILTER									
DECIMAL: .XXX .XX .X ANGLES ± 1°											
ENGLISH: ±.025											
METRIC: ± —											
MATERIAL:		AS SUPPLIED									
AS SUPPLIED											
FINISH:		AS SUPPLIED		SCALE		DATE		DRG. NO.		REV.	
				NTS		9-12-89				3VS1.06	
				DRW. BY		ORIGINATOR					
				TDL		CW					