

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

LINE FREQUENCY:  
MAX. CASE RISE  $\theta$  RATED CURRENT:  
MAX. LEAKAGE CURRENT, EACH  
LINE TO GROUND  
OPERATING AMBIENT TEMP. RANGE:

.5 mA at 120V 60 Hz  
1.0 mA at 250V 50 Hz  
-10°C TO +40°C  $\theta$  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:  
HUMIDITY:

-40°C TO +85°C  
21 DAYS  $\theta$  40°C 95% RH

CURRENT OVERLOAD TEST:

6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE:  
CAPACITANCE: (MEASURED  $\theta$  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

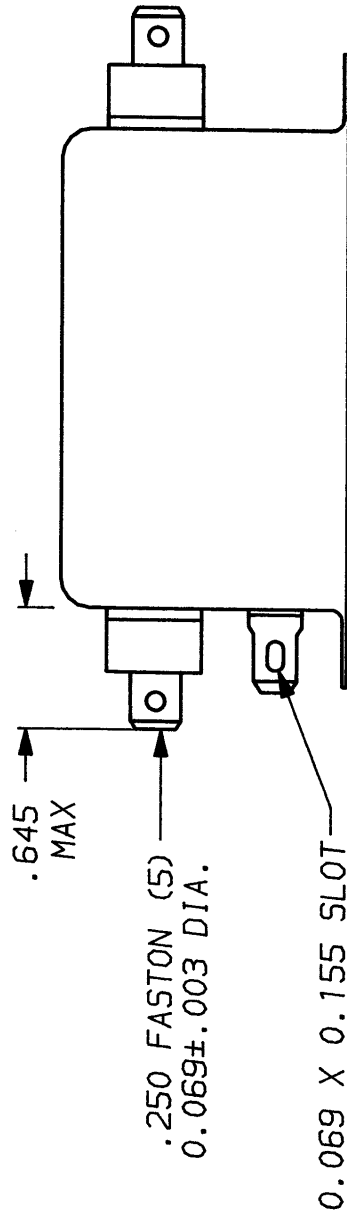
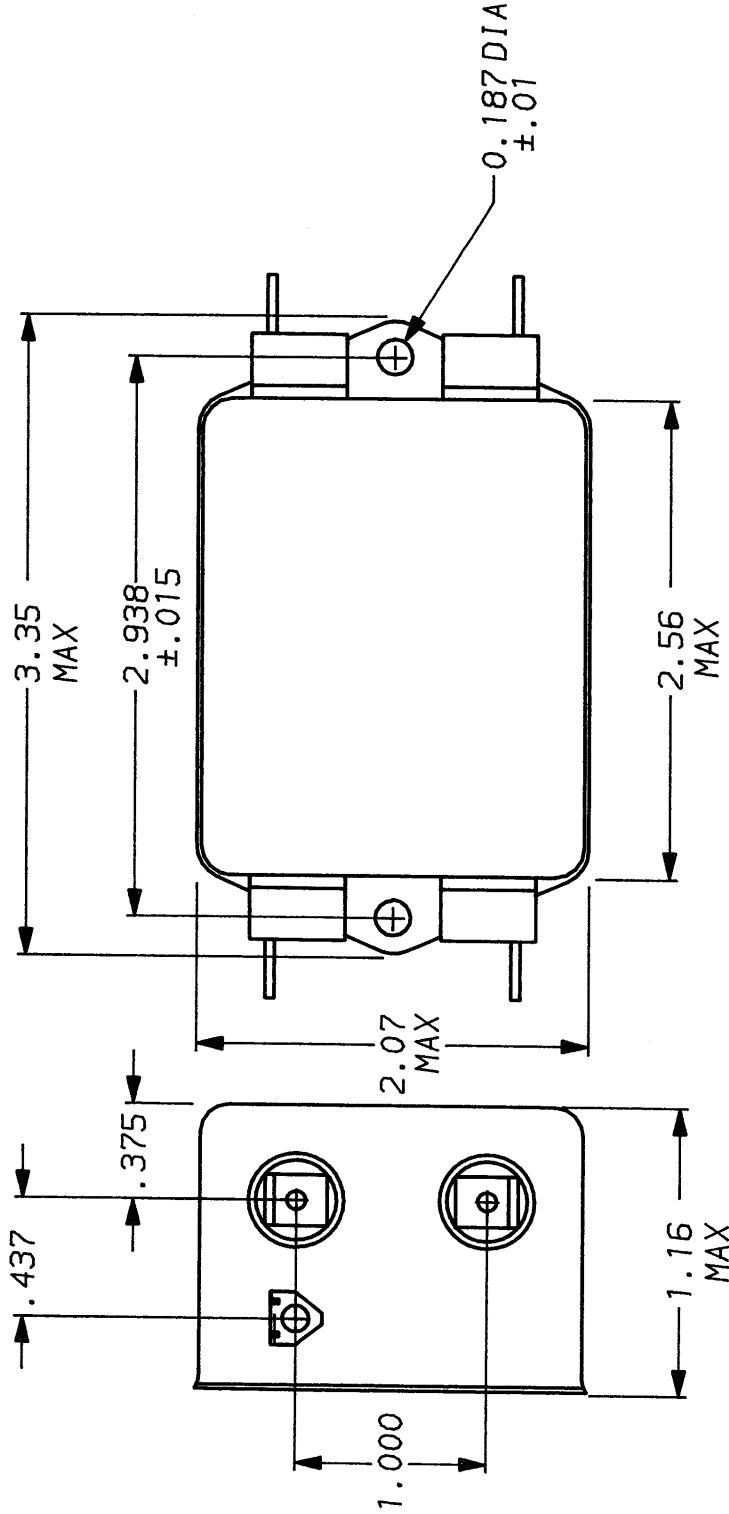
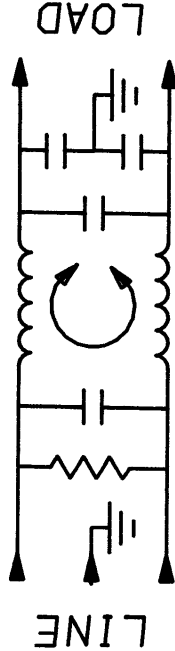
7.06 mH NOMINAL  
.011 $\mu$ F  $\pm$ 20%  
.54 $\mu$ F  $\pm$ 20%  
330 K $\Omega$   
6000 M $\Omega$  (MIN) AT 100 VDC  
20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOUT:

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 $\Omega$ - 50 $\Omega$ (MINIMUM) INSERTION LOSS													TOLERANCE EXCEPT AS NOTED	
FREQUENCY MHz	.01	.02	.05	.08	.1	.15	.5	1	5	10	20	30	DECIMAL: .XXX	.XX .X ANGLES $\pm$ 1°
COMMON dB	6	12	20	25	27	32	32	48	46	46	46	40	ENGLISH: $\pm$ .025	METRIC: $\pm$ —
DIFF. dB	1	1	2	3	10	25	59	65	65	60	40	40	MATERIAL: AS SUPPLIED	
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													SCALE NTS	DATE 8-7-90
													DRW. BY CFW	ORIGINATOR CFW
													DRG. NO. 3VSK1	
													REV. 06	



POWER LINE FILTER

# Mouser Electronics

Authorized Distributor

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