

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

UL 1283

OPERATING SPECIFICATIONS:
LINE VOLTAGE/CURRENT:

10 AMP., 120/250 VAC

50-60Hz

MAX. CASE RISE θ RATED CURRENT:

40°C

MAX. LEAKAGE CURRENT, EACH

0.5mA at 120V 60 Hz

.83 mA at 250V 50 Hz

-10°C TO +40°C θ RATED CURRENT, I_r

LINE TO GROUND

OPERATING AMBIENT TEMP. RANGE:

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:

1.25 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:

10 M 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:

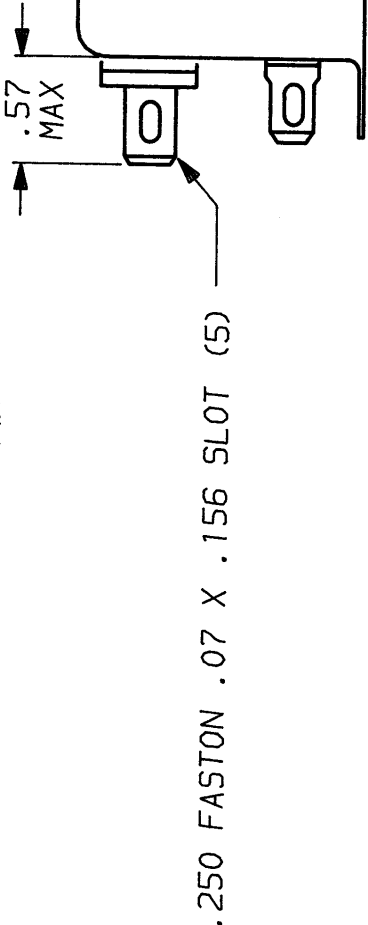
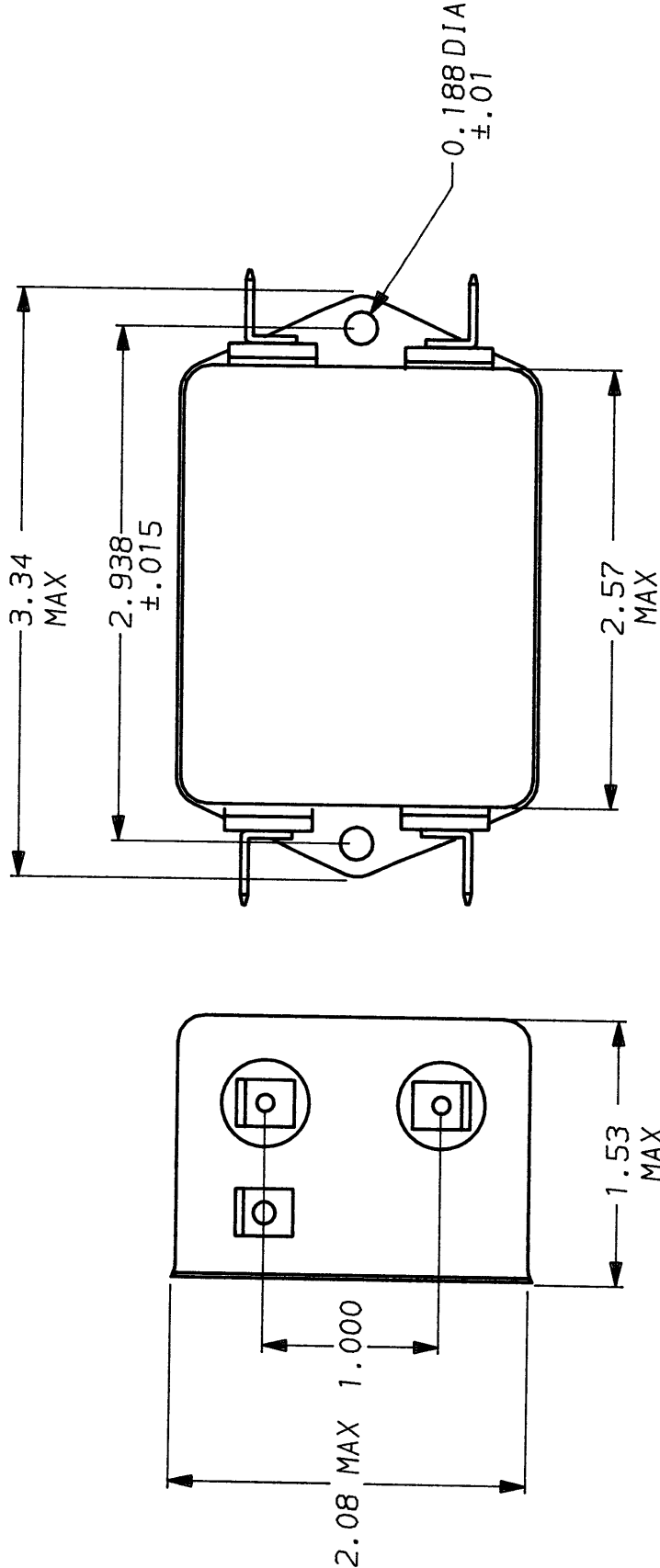
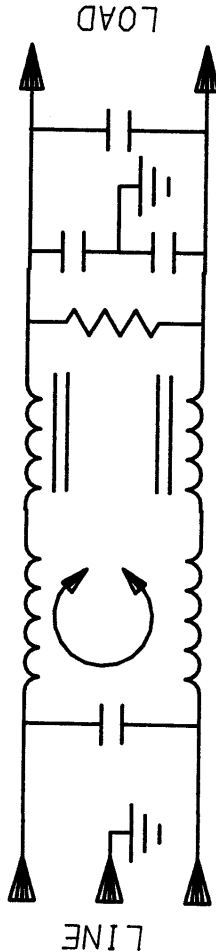
2250 VDC FOR 1 MINUTE

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	5	10	30				
COMMON dB	19	34	42	32	44	48				
DIFF. dB	40	65	65	55	50	50				

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TOLERANCE EXCEPT AS NOTED				corcom	
DECIMAL: .XXX .XX .X ANGLES $\pm$ 1°		LIBERTYVILLE, IL 60048			
ENGLISH: $\pm$.025					
METRIC: $\pm$ —					
MATERIAL:		AS SUPPLIED		POWER LINE FILTER	
FINISH:		AS SUPPLIED			
SCALE	NTS	DATE	7-31-90	DRG. NO.	1051.03
DRW. BY	CFW	ORIGINATOR	CFW	REV.	