

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 1283
- UL RECOGNIZED
- CSA 22.2, NO. 0, 0.4, 8
- CSA CERTIFIED
- VDE 565-3
- VDE APPROVED

OPERATING SPECIFICATIONS:

- LINE VOLTAGE/CURRENT:  
6 AMP., 120/250 VAC  
5 AMP./40°C, 250 VAC  
50-60Hz  
40°C
- LINE FREQUENCY:  
MAX. CASE RISE 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 RATED CURRENT, I<sub>r</sub>

IN AN AMBIENT, T<sub>a</sub>, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I<sub>o</sub>, 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 @ 40°C 95% RH
- CURRENT OVERLOAD TEST:  
6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

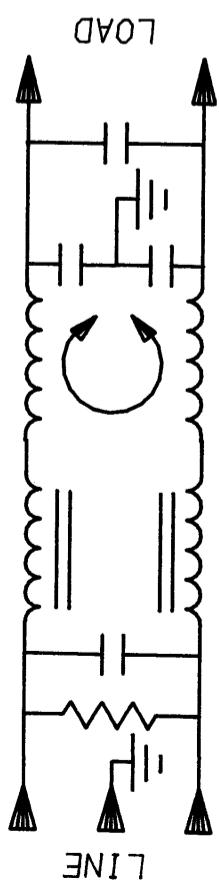
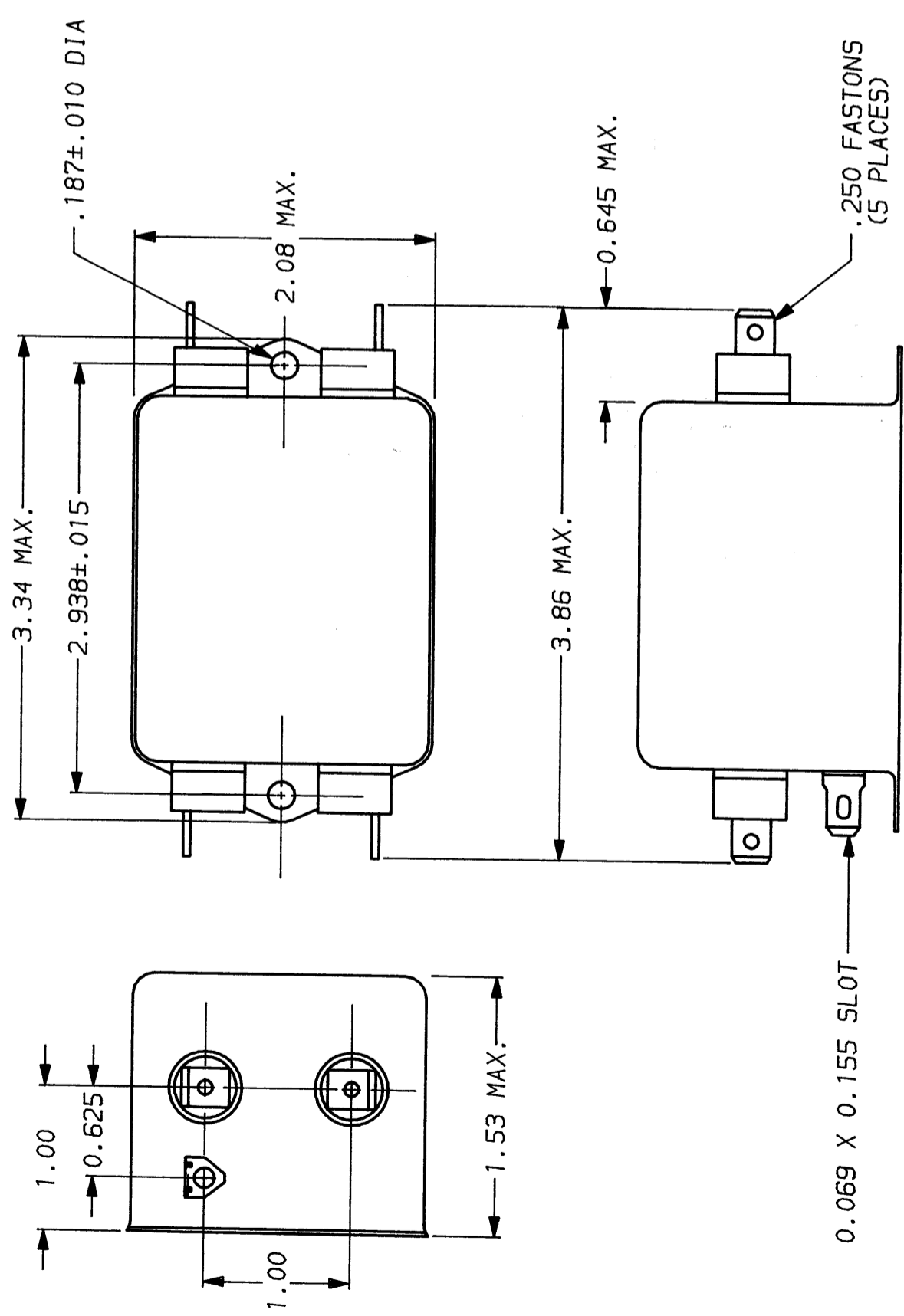
- INDUCTANCE:  
1.8 mH NOMINAL
- CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)  
LINE TO GROUND:  
LINE TO LINE:  
DISCHARGE RESISTOR:  
LINE/GROUND AND LINE/LINE  
INSULATION RESISTANCE  
(W/O DISCHARGE RESISTOR)  
.011µF ±20%  
.543µF ±20%  
330 KΩ  
6000 MΩ (MIN) AT 100 VDC  
20°C AND 50% RH

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.



FREQUENCY MHz	50Ω - 50Ω (MINIMUM) INSERTION LOSS									
	.15	.5	1	2	5	10	20	30		
COMMON dB	18	33	41	45	37	49	49	53		
DIFF. dB	35	65	65	65	60	45	50	50		

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

MATERIAL:  
AS SUPPLIED

FINISH:  
AS SUPPLIED

**CORCOM**  
LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE	DATE	DRG. NO.	REV.
NTS	9-12-89	6VS1	06
DRW. BY	ORIGINATOR		
TDL	CW		

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