

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  
 CSA 22.2, NO. 0, 0.4, 8  
 VDE 565-3

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT:  
 6 AMP., 120/250 VAC  
 5 AMP./40°C, 250 VAC  
 50-60Hz  
 40°C  
 0.5mA at 120V 60 Hz  
 1.0 mA at 250V 50 Hz  
 -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:

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

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:

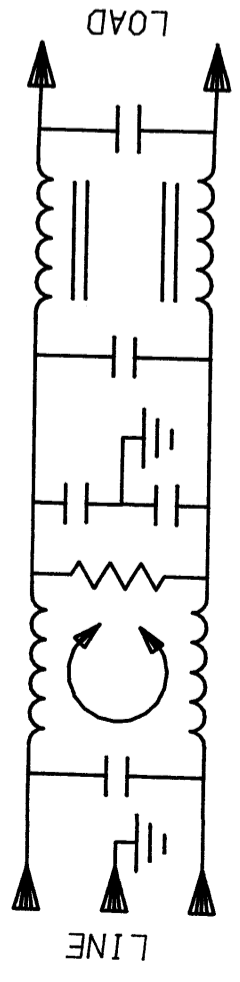
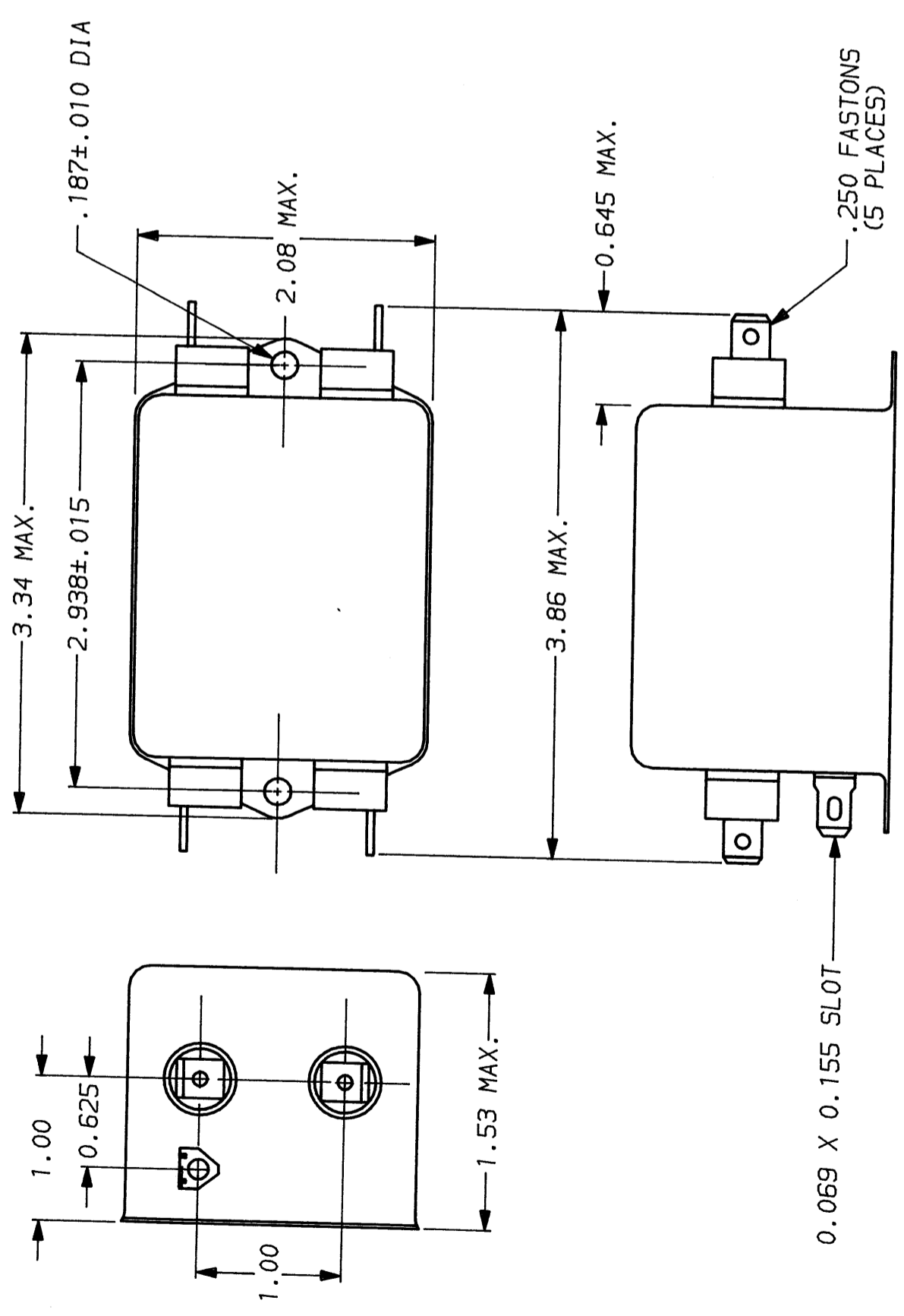
INDUCTANCE:  
 1.8 mH NOMINAL  
 CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)  
 LINE TO GROUND:  
 .011µF ±20%  
 LINE TO LINE:  
 .813µF ±20%  
 DISCHARGE RESISTOR:  
 330 KΩ  
 LINE/GROUND AND LINE/LINE  
 INSULATION RESISTANCE  
 (W/O DISCHARGE RESISTOR)  
 6000 MΩ (MIN) AT 100 VDC  
 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.



50Ω - 50Ω (MINIMUM) INSERTION LOSS									
FREQUENCY MHz	.15	.5	1	2	5	10	20	30	
COMMON dB	20	33	45	53	65	55	50	48	
DIFF. dB	40	65	65	65	65	60	57	55	

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**CORCOM**  
 LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE	DATE	DRG. NO.	REV.
NTS	9-12-89	6VV1	06
DRW. BY	ORIGINATOR		
TDL	CW		

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