

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  
1.2 mA at 250V 50 Hz  
LINE FREQUENCY:  
MAX. CASE RISE  $\theta$  RATED CURRENT:  
MAX. LEAKAGE CURRENT, EACH  
LINE TO GROUND  
OPERATING AMBIENT TEMP. RANGE:  
-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:  
-40°C TO +85°C  
HUMIDITY:  
21 DAYS  $\theta$  40°C 95% RH  
CURRENT OVERLOAD TEST:  
6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

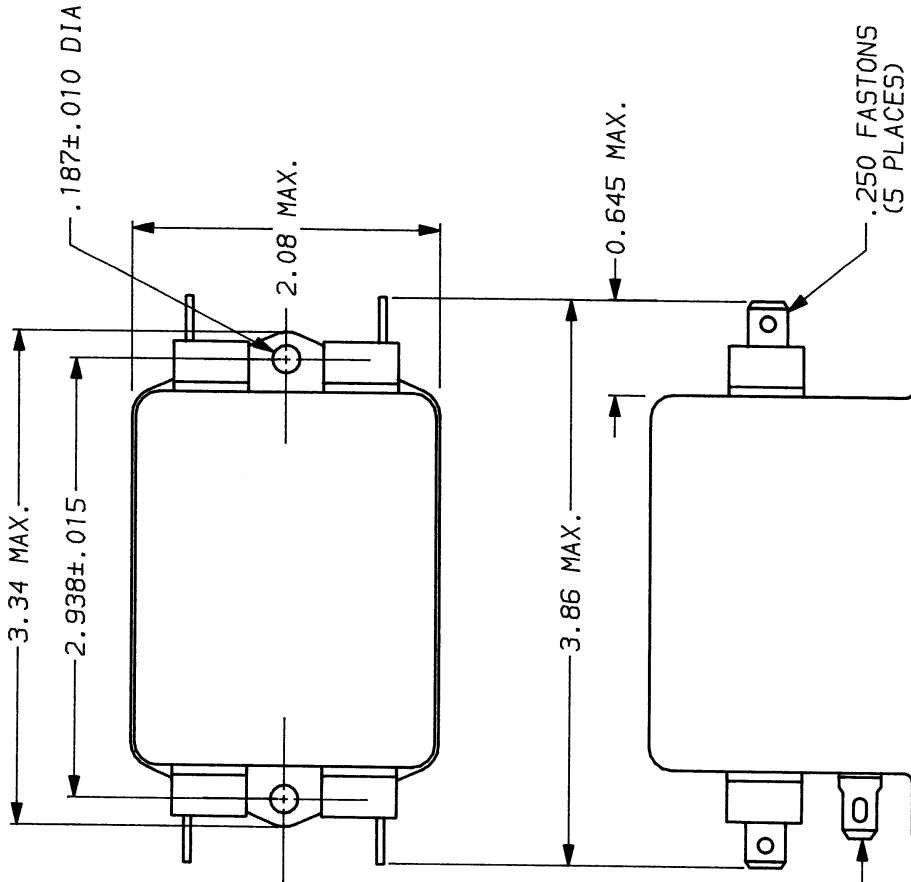
INDUCTANCE:  
1.9 mH NOMINAL  
CAPACITANCE: (MEASURED  $\theta$  1 KHz, 0.25 VAC MAX., 25°C  $\pm$ 1°C)  
LINE TO GROUND: .013 $\mu$ F  $\pm$ 20%  
LINE TO LINE: .813 $\mu$ F  $\pm$ 20%  
DISCHARGE RESISTOR:  
330 K $\Omega$   
LINE/GROUND AND LINE/LINE INSULATION RESISTANCE (W/O DISCHARGE RESISTOR)  
6000 M $\Omega$  (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.



50 $\Omega$ - 50 $\Omega$ (MINIMUM)		INSERTION LOSS						
FREQUENCY MHz	.15 .2	.5	1	2	5	10	20	30
COMMON dB	20	22	30	45	60	65	65	61
DIFF. dB	30	46	65	65	60	55	38	38

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TOLERANCE EXCEPT AS NOTED  
DECIMAL: .XXX .XX .X ANGLES  $\pm$  1°  
ENGLISH:  $\pm$ .025  
METRIC:  $\pm$  \_\_\_\_\_  
MATERIAL: AS SUPPLIED  
FINISH: AS SUPPLIED

**CORCOM**  
LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE: NTS 9-12-89  
DATE: 9-12-89  
DRG. NO.: 6VW1.07  
REV.: 07

DRW. BY: TDL  
ORIGINATOR: CW