

**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  
 SEV APPROVED

UL 1283  
 CSA 22.2, NO.0,0.4,8  
 VDE 565-3  
 SEV 1055/TP1977/5.1.1

**OPERATING SPECIFICATIONS:**

LINE VOLTAGE/CURRENT, 5 AMP, 120/250 VAC  
 5 AMP./40°C, 250 VAC  
 LINE FREQUENCY, 50-60Hz

MAX. LEAKAGE CURRENT, EACH, .25 mA AT 120V 60Hz  
 LINE TO GROUND, .40 mA at 250V 50Hz

OPERATING AMBIENT TEMP. RANGE, -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, 1.032 mH NOMINAL  
 CAPACITANCE, (MEASURED @ 1 KHz, 0.25VAC MAX., 25°C±1°C)  
 LINE TO GROUND, .006 μF ±20%  
 LINE TO LINE, .301 μF ±20%  
 DISCHARGE RESISTOR, 680KΩ

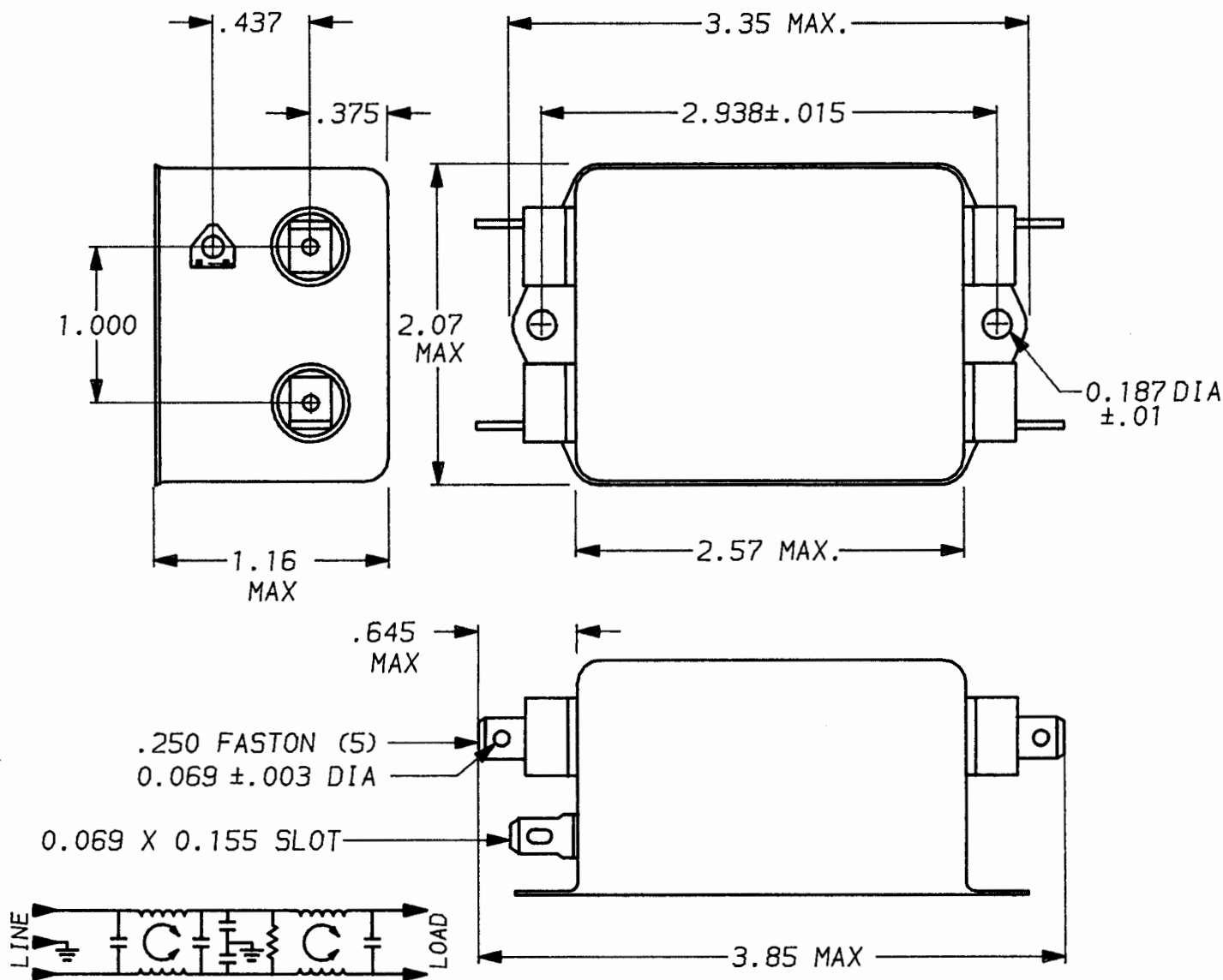
LINE/GROUND AND LINE/LINE, 6000MΩ (MIN) AT 100VDC  
 INSULATION RESISTANCE, 20°C AND 50% RH

**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	.3	.5	1	2	5	10	20	30	/	/	/
COMMON dB	3	24	41	57	65	65	65	65	65	/	/	/
DIFF. dB	3	3	10	60	65	65	65	55	50	/	/	/

UNLESS OTHERWISE SPECIFIED, TOLERANCE TO BE ±.025  
 MATERIAL & FINISH, AS SUPPLIED  
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**corcom**  
 LIBERTYVILLE, IL 60048  
**POWER LINE FILTER**  
 DATE: 9-27-93 CATALOG NO.  
 APPROVD. T.A.M. 5ER1  
 CAD NO. 5ER1.05

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