

**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

**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: 1.83 mH NOMINAL  
 CAPACITANCE, (MEASURED @ 1 KHz, 0.25VAC MAX., 25°C±1°C)  
 LINE TO GROUND: .011 µF ±20%  
 LINE TO LINE: .813 µF ±20%  
 DISCHARGE RESISTOR: 330KΩ

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.

**OPERATING SPECIFICATIONS:**

LINE VOLTAGE/CURRENT: 6 AMP, 120/250 VAC

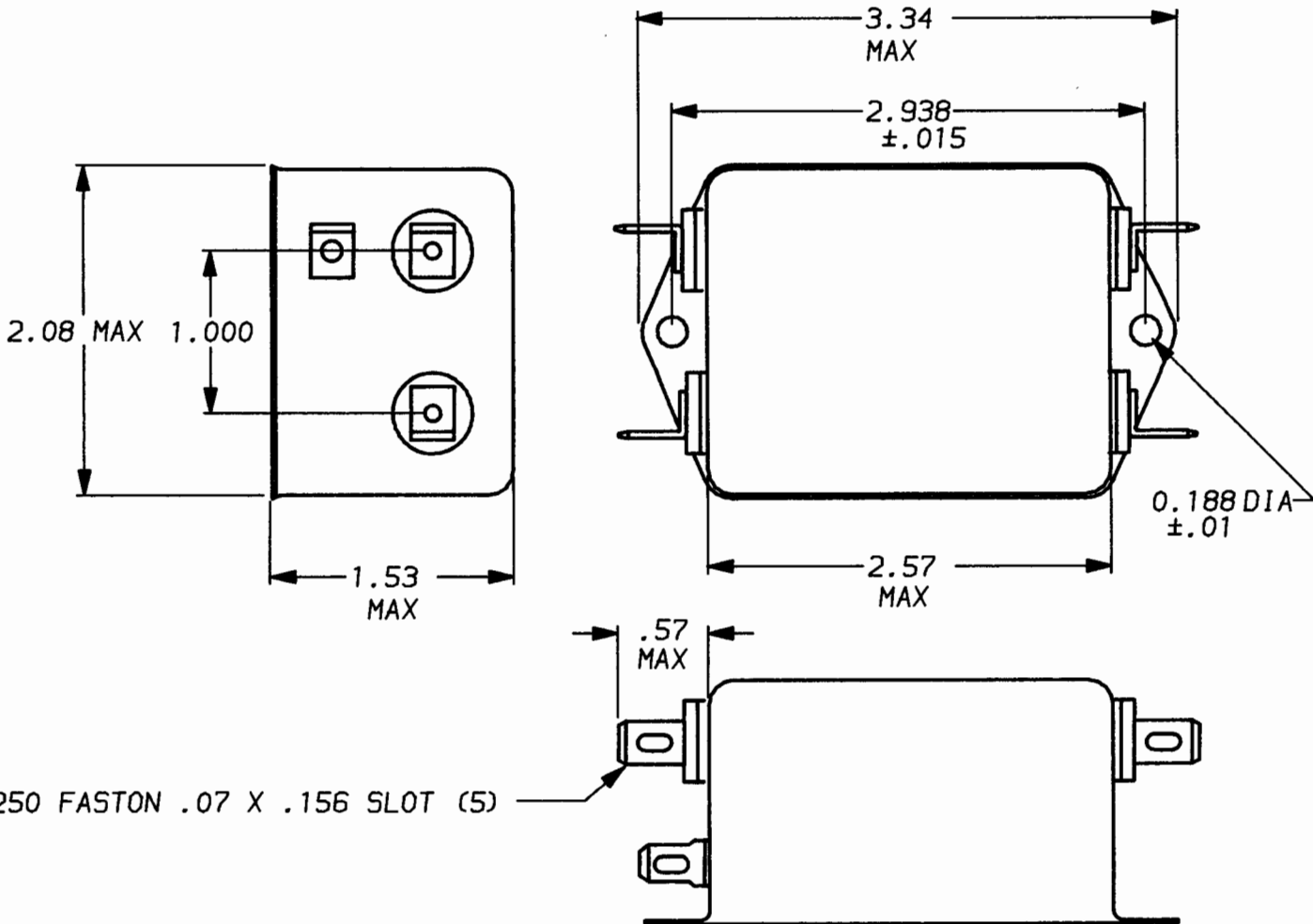
LINE FREQUENCY: 50-60Hz

MAX. LEAKAGE CURRENT, EACH: 0.5 mA AT 120V 60Hz  
 LINE TO GROUND: .83 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:

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



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	

UNLESS OTHERWISE SPECIFIED, TOLERANCE TO BE ±.025  
 MATERIAL & FINISH: AS SUPPLIED  
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**corcom**  
 LIBERTYVILLE, IL 60048  
**POWER LINE FILTER**  
 DATE: 4-18-94 CATALOG NO.  
 APPROV. LEO **6V1.05**  
 CAD NO. **6V1.05**