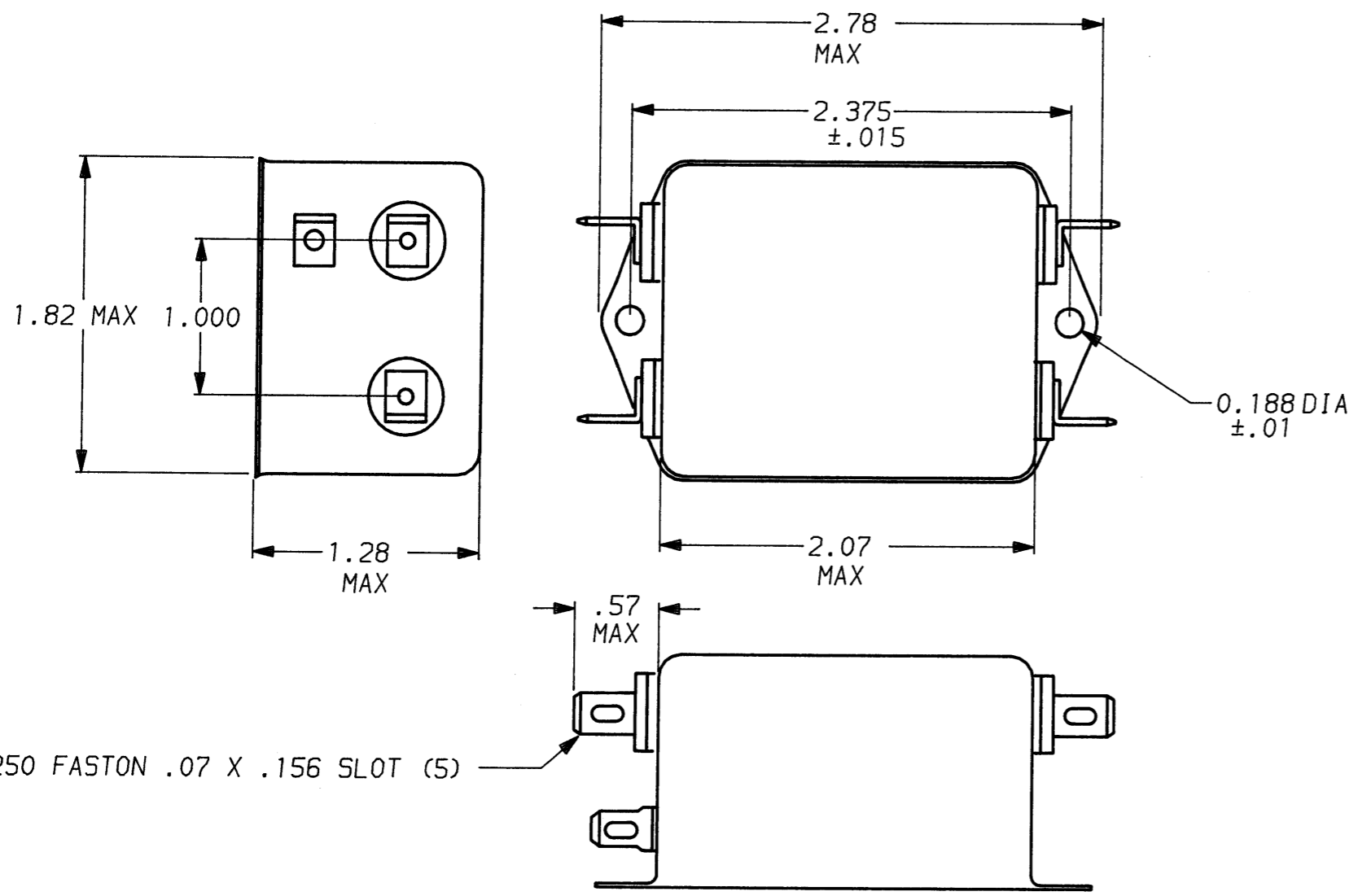


DESCRIPTION	APPROVED BY	DATE	REV
	<i>C. West</i>	8-2-90	3
ECO-09-026495	AEG	10DEC09	4



**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

**OPERATING SPECIFICATIONS:**  
 LINE VOLTAGE/CURRENT: 3.0 AMP., 120/250 VAC  
 LINE FREQUENCY: 50-60Hz  
 MAX. CASE RISE @ RATED CURRENT: 40°C  
 MAX. LEAKAGE CURRENT, EACH LINE TO GROUND: 0.5mA at 120V 60 Hz, 1.0 mA at 250V 50 Hz  
 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

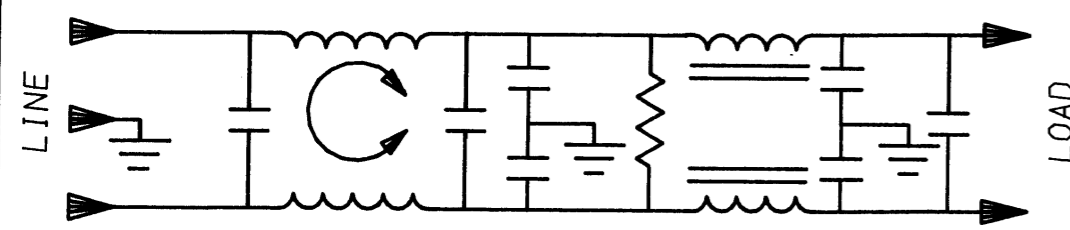
**TEST SPECIFICATIONS:**  
 INDUCTANCE: 1.05 mH NOMINAL  
 CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)  
 LINE TO GROUND: .013µF ±20%  
 LINE TO LINE: .813µF ±20%  
 DISCHARGE RESISTOR: 10 MΩ  
 LINE/GROUND AND LINE/LINE INSULATION RESISTANCE (W/O DISCHARGE RESISTOR): 6000 MΩ (MIN) AT 100 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.

**1 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI**

1609041-1	OBSOLETE	1
6609041-1		



50Ω - 50Ω (MINIMUM) INSERTION LOSS									
FREQUENCY MHz	.15	.5	1	2	5	10	20	30	
COMMON dB	13	25	34	60	65	65	65	63	
DIFF. dB	25	65	65	65	65	60	45	38	

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TOLERANCE EXCEPT AS NOTED  
 DECIMAL: .XXX .XX .X ANGLES ± 1°  
 ENGLISH: ±.025  
 METRIC: ± —  
 MATERIAL: AS SUPPLIED  
 FINISH: AS SUPPLIED

**corcom**  
 LIBERTYVILLE, IL 60048

**POWER LINE FILTER**

SCALE: NTS	DATE: 7-31-90	DRG. NO.:	REV.:
DRW. BY: CFW	ORIGINATOR: CFW	3W1A.	4

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