

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

OPERATING SPECIFICATIONS:

- LINE VOLTAGE/CURRENT: 2 AMP., 120/250 VAC
- 50-60Hz
- 30°C
- LINE FREQUENCY: 2 AMP., 120/250 VAC
- MAX. CASE RISE @ RATED CURRENT: 2 AMP./40°C, 250 VAC
- MAX. LEAKAGE CURRENT, EACH LINE TO GROUND: .5 mA at 120V 60 Hz
- OPERATING AMBIENT TEMP. RANGE: 1.0 mA at 250V 50 Hz
- 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:

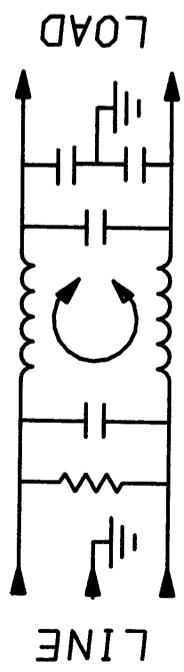
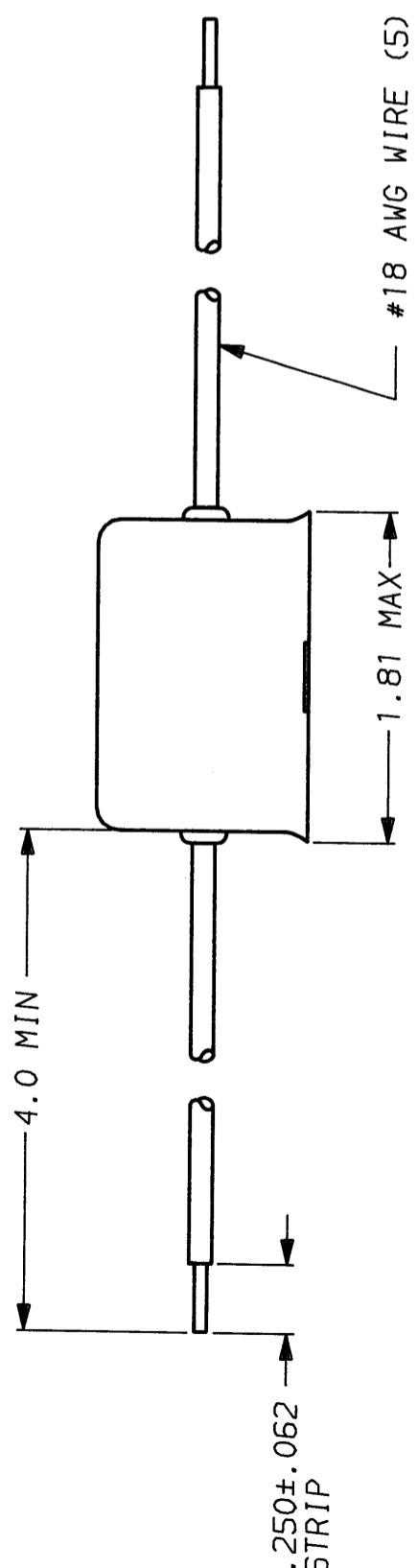
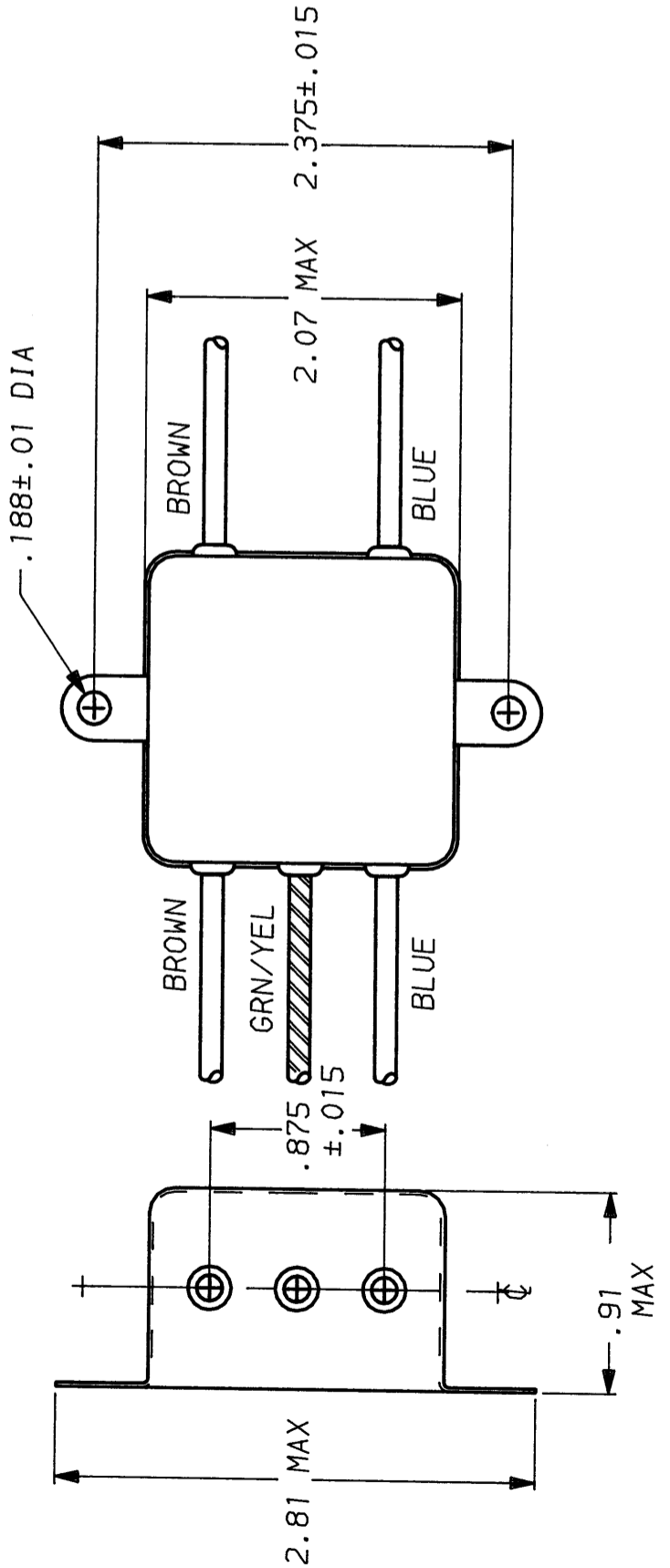
- INDUCTANCE: .539 mH NOMINAL
- CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
- LINE TO GROUND: .011µF ±20%
- LINE TO LINE: .203µF ±20%
- DISCHARGE RESISTOR 1.5MΩ
- LINE/GROUND AND LINE/LINE INSULATION RESISTANCE 6000 MΩ (MIN) AT 100 VDC
- 20°C AND 50% RH

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.



50n - 50n (MINIMUM) INSERTION LOSS

FREQUENCY MHz	.15	.3	.5	1	2	5	10	20	30
COMMON dB	11	19	25	33	40	50	54	55	55
DIFF. dB	5	2	2	35	55	58	52	35	35

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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	DATE	DRG. NO.	REV.
NTS	7-31-90	2VK3.05	
DRW. BY	ORIGINATOR		
CFW	CFW		

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