

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
- CSA CERTIFIED
- VDE 565-3
- VDE APPROVED

OPERATING SPECIFICATIONS.

- LINE VOLTAGE/CURRENT: 10 AMP., 120/250 VAC
- 50-60Hz
- 30°C
- LINE FREQUENCY: 8 AMP. @ 40°C, 250 VAC
- MAX. CASE RISE @ RATED CURRENT: .5 mA at 120V 60 Hz
- MAX. LEAKAGE CURRENT, EACH LINE TO GROUND: 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: .495 mH NOMINAL
- CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C) .011µF ±20%
- LINE TO GROUND: .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.

TOLERANCE EXCEPT AS NOTED

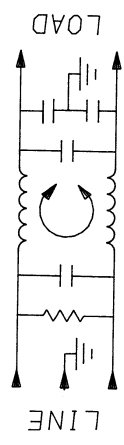
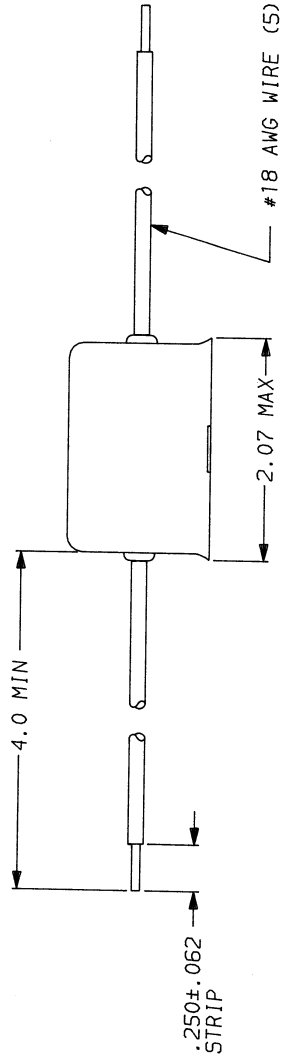
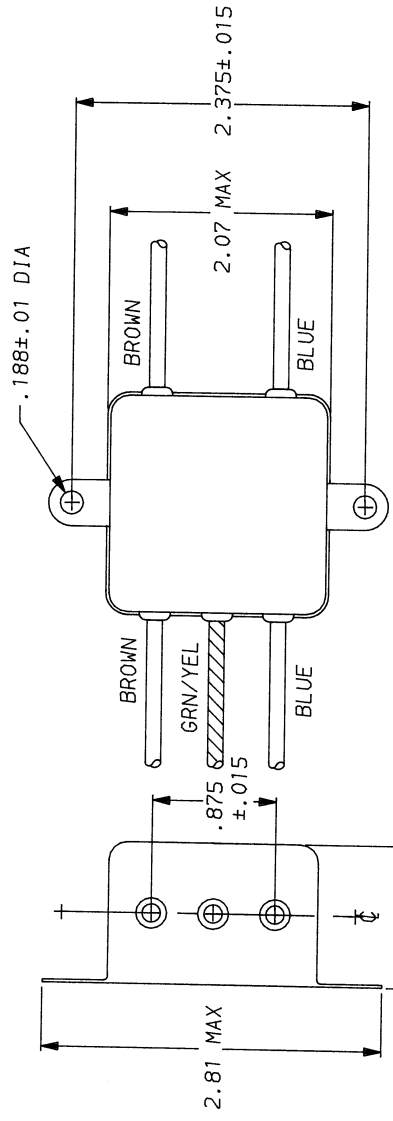
- DECIMAL: .XXX .XX .X ANGLES ± 1°
- ENGLISH: ±.025
- METRIC: ±

MATERIAL:

AS SUPPLIED

FINISH:

AS SUPPLIED



50Ω - 50p (MINIMUM) INSERTION LOSS									
FREQUENCY MHz	.15	1	2	5	10	20	30		
COMMON dB	12	25	31	36	44	48	50	52	
DIFF. dB	10	5	37	59	65	65	52	52	

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**corcom**  
LIBERTYVILLE, IL 60048

**POWER LINE FILTER**

SCALE	DATE	DRG. NO.	REV.
NTS	7-31-90	10VK3	03
DRN. BY	ORIGINATOR		
CFW	CFW		