

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
- UL 1283
- CSA 22.2, NO.0,0.4,8
- VDE 565-3, 625

OPERATING SPECIFICATIONS:

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

LINE FREQUENCY:
 MAX. LEAKAGE CURRENT, EACH
 LINE TO GROUND
 OPERATING AMBIENT TEMP. RANGE:

- .3mA at 120V 60 Hz
- .5 mA at 250V 50 Hz
- 10°C TO +40°C @ RATED CURRENT, I_r

IN AN AMBIENT, T_a, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_o, IS AS FOLLOWS:

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

RELIABILITY SPECIFICATIONS:

STORAGE TEMPERATURE:
 HUMIDITY:
 CURRENT OVERLOAD TEST:

- 40°C TO +85°C
- 21 DAYS @ 40°C 95% RH
- 6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

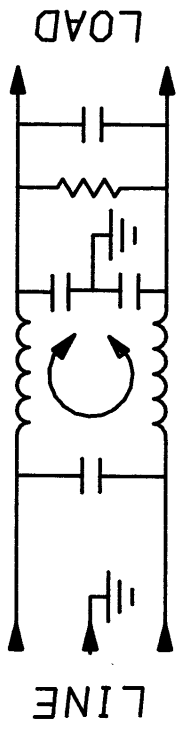
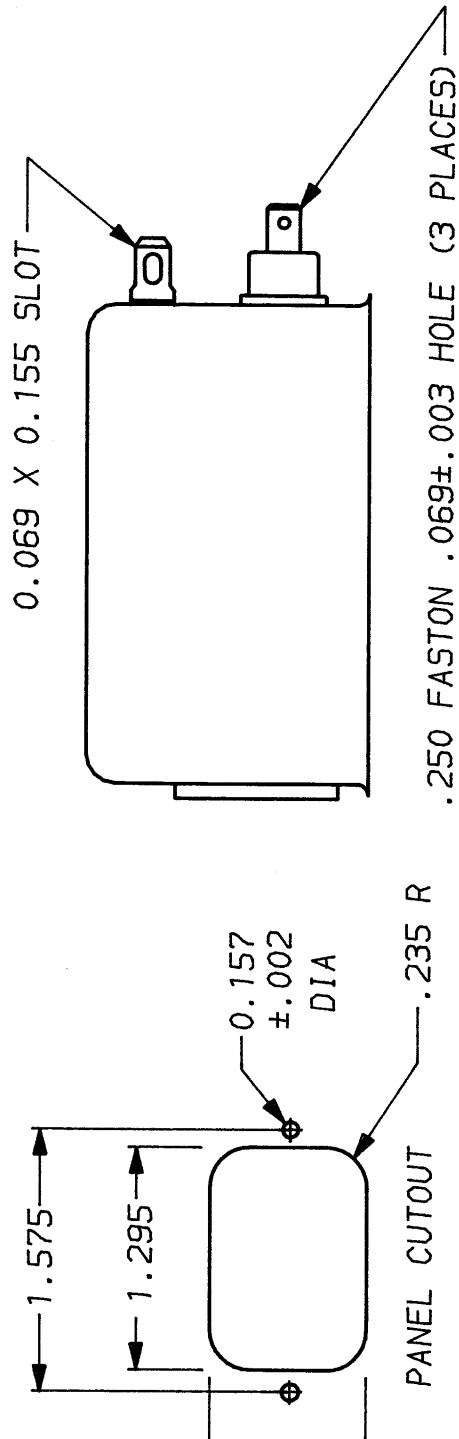
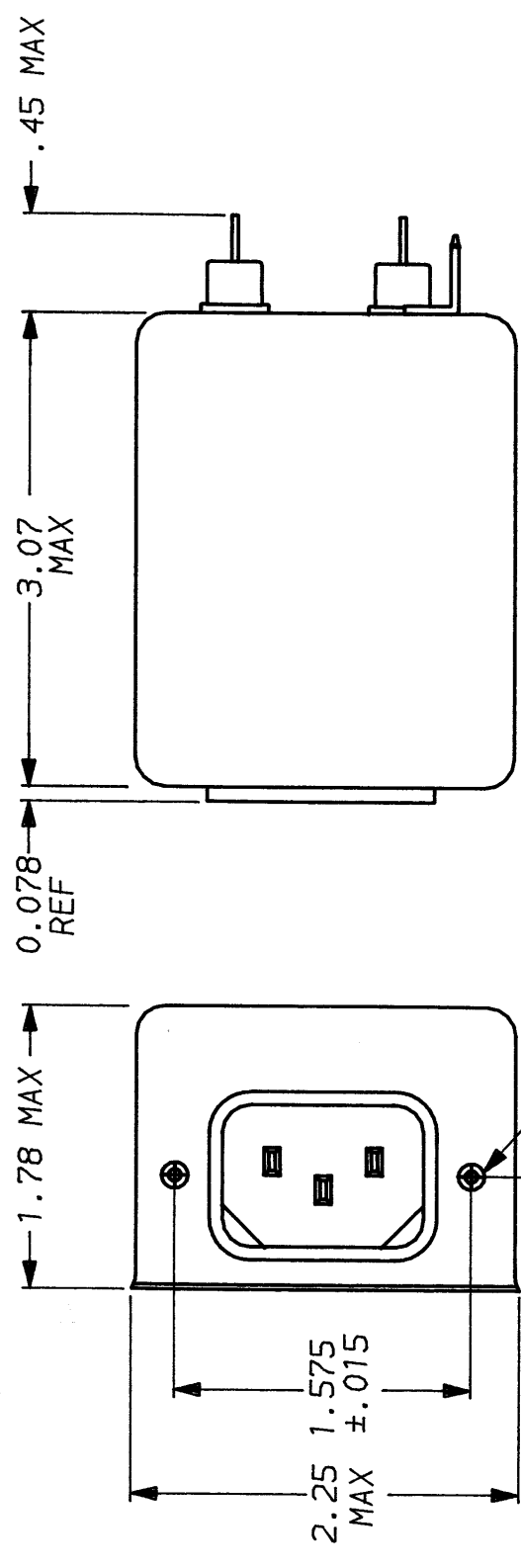
INDUCTANCE:
 CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
 LINE TO GROUND:
 LINE TO LINE:
 DISCHARGE RESISTOR
 LINE/GROUND AND LINE/LINE
 INSULATION RESISTANCE

- 18.5 mH NOMINAL
- .004µF ±20%
- 1.089µF ±20%
- 330KΩ
- 6000 MΩ (MIN) AT 100 VDC
- 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINES TO GROUND:
 LINE TO LINE:
 FILTER APPROVAL:
 THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.

- 2250 VDC FOR 1 MINUTE
- 1450 VDC FOR 1 MINUTE



FREQUENCY MHZ	50Ω - 50Ω (MINIMUM) INSERTION LOSS											
	.01	.03	.05	.15	.5	1	2	5	8	10	20	30
COMMON dB	16	26	30	41	47	44	43	43	40	40	42	42
DIFF. dB	4	2	14	51	70	70	65	50	47	50	55	55

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

MATERIAL:
 AS SUPPLIED

FINISH:
 AS SUPPLIED

CORCOM
 LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE	DATE	DRG. NO.	REV.
NTS	7-26-90		6E7.03
DRW. BY	ORIGINATOR		
CFW	CFW		