

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
- SEV 1055/TP1977/5.1.1
- SEV APPROVED

OPERATING SPECIFICATIONS:

- LINE VOLTAGE/CURRENT: 3 AMP., 120/250 VAC
- 2.75 AMP./40°C, 250 VAC
- 50-60Hz
- LINE FREQUENCY: .3mA @ 120V 60Hz
- MAX. LEAKAGE CURRENT, EACH .5mA @ 250V 50Hz
- LINE TO GROUND
- OPERATING AMBIENT TEMP. RANGE: -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: -25°C TO +85°C
- HUMIDITY: 21 DAYS @ 40°C 95% RH
- CURRENT OVERLOAD TEST: 6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

- INDUCTANCE: 36.8 mH NOMINAL
- CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
- LINE TO GROUND: .008µF ±20%
- LINE TO LINE: .94µF ±20%
- DISCHARGE RESISTOR: 330KΩ
- LINE/GROUND AND LINE/LINE: 6000 MΩ (MIN) AT 100 VDC
- INSULATION RESISTANCE: 20°C AND 50% RH (W/O DISCHARGE RESISTOR)

RECOMMENDED RECEIVING INSPECTION HIPOT:

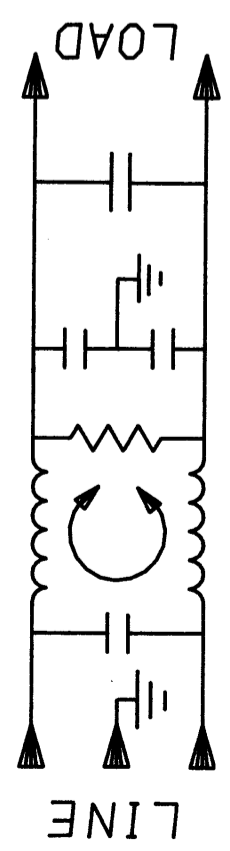
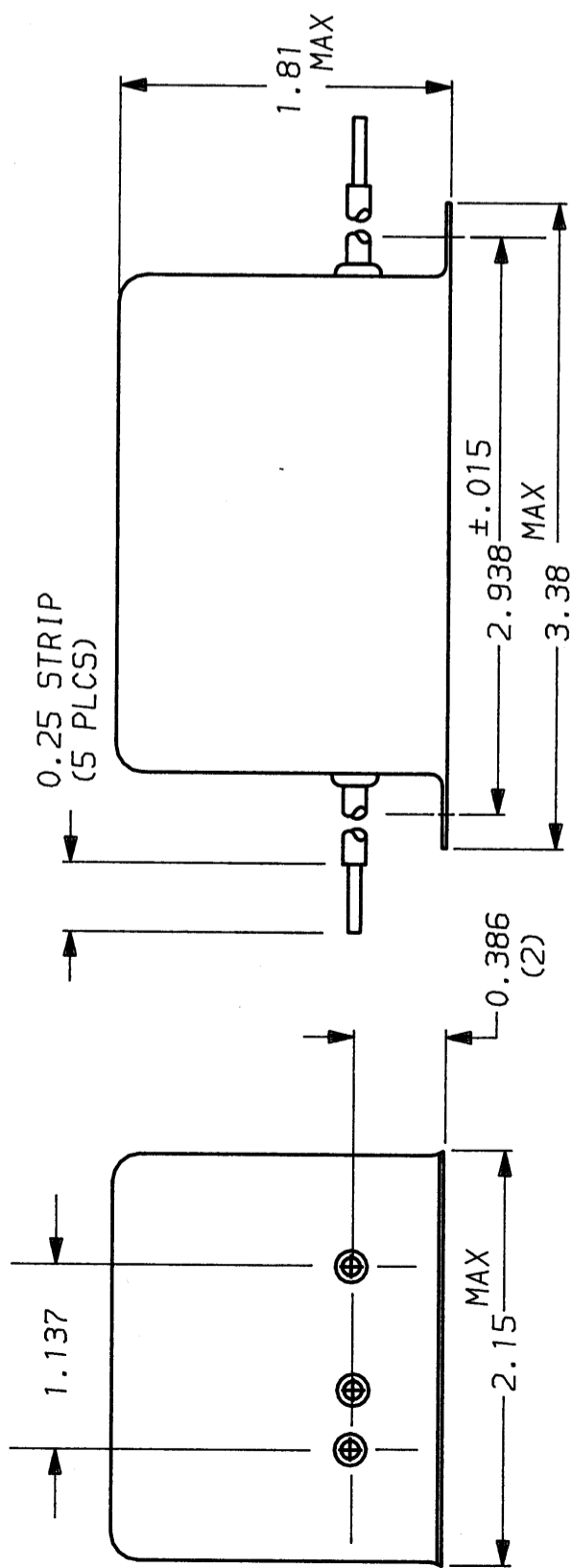
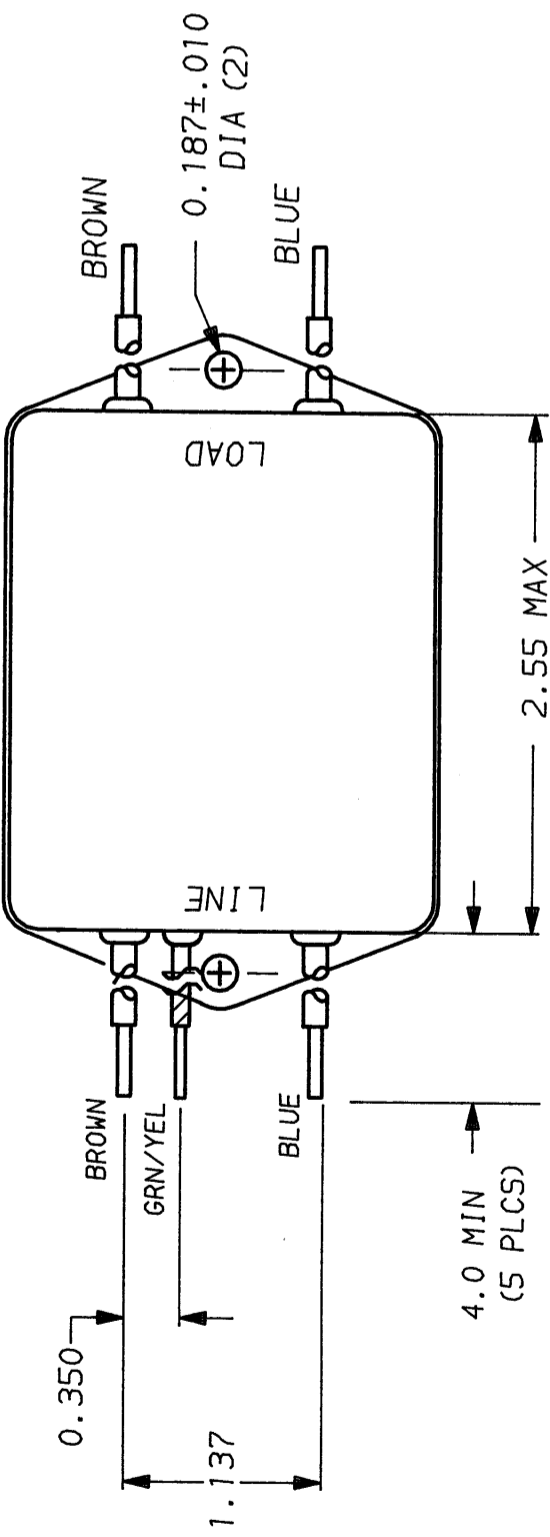
- LINES TO GROUND: 2250 VDC FOR 1 MINUTE
- LINE TO LINE: 1450 VDC FOR 1 MINUTE

FILTER APPROVAL:

THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.

50Ω - 50Ω (MINIMUM) INSERTION LOSS														
FREQUENCY	.01	.03	.05	.15	.50	1.02	2.0	5.0	10	20	30			
COMMON	22	32	36	46	47	44	43	40	40	42	42			
DIFF. dB	3	1	30	61	70	70	70	50	50	50	55			

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

POWER LINE FILTER
 CORCOM
 LIBERTYVILLE, IL 60048

FINISH:

SCALE: NTS
 DATE: 5-12-88
 DRG. NO.: 3ET3.02
 REV.:
 DRW. BY: TDL
 ORIGINATOR: CW