

TAM 11/20/92
 APPROVED BY/DATE
 REV

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
- IN PROCESS
- CSA CERTIFIED
- IN PROCESS
- VDE APPROVED
- IN PROCESS

OPERATING SPECIFICATIONS

- LINE VOLTAGE/CURRENT, 6 AMP., 120/250 VAC
- 6 AMP/40°C, 250 VAC
- 50-60Hz
- LINE FREQUENCY, .25mA at 120V 60 Hz
- MAX. LEAKAGE CURRENT, EACH LINE TO GROUND .42mA at 250V 50 Hz
- OPERATING AMBIENT TEMP. RANGE, -10°C TO +40°C @ RATED CURRENT, I_c
- IN AN AMBIENT, T_a, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_o, IS AS FOLLOWS,
- $I_o = I_c \sqrt{\frac{85 - T_a}{45}}$

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, 0.93 mH NOMINAL
- CAPACITANCE, (MEASURED @ 1 KHZ, 0.25 VAC MAX., 25°C ±1°C)
- LINE TO GROUND, .003µF ±20%
- LINE TO LINE, .02µF ±20%
- DISCHARGE RESISTOR, 1.5MΩ
- LINE/GROUND AND LINE/LINE, 6000 MΩ (MIN) AT 100 VDC
- INSULATION RESISTANCE, 20°C AND 50% RH (W/O DISCHARGE RESISTOR)

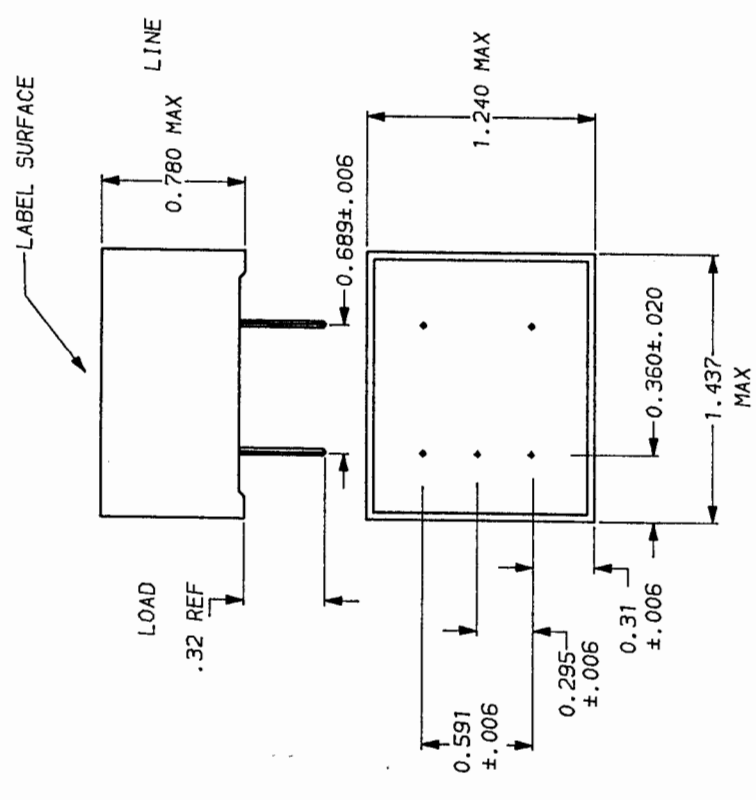
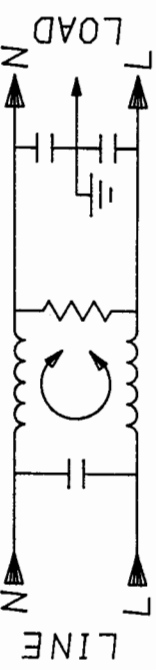
RECOMMENDED RECEIVING INSPECTION HIPOT.

- LINE TO GROUND, 1500 Vac 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 MHz	1	2	3	4	5	8	10	20	30			
COMMON	15	24	25	29	31	36	40	45	45	40	20	15
DIFF. dB	1	4	6	9	9	17	40	40	40	41	42	35



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

MATERIAL: AS SUPPLIED

corcom
 LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE: DATE: 10/21/92
 DESIGNED BY: NTS
 DRAWN BY: TAM
 REV. NO. 6EOP.00

FINISH:
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