

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 544
- CSA 22-2, NO. 0.0.4, 8
- VDE 0565-3

OPERATING SPECIFICATIONS

- LINE VOLTAGE/CURRENT, 10 AMP., 120/250 VAC
- 50-60Hz
- LINE FREQUENCY, 50-60Hz
- MAX. LEAKAGE CURRENT, EACH 2µA @ 120V 60Hz
- LINE TO GROUND 5µA @ 250V 50Hz
- 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, 5 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS

- INDUCTANCE, L-9.5mH NOMINAL
- CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C) N-9.57mH NOMINAL
- LINE TO LINE, 1.77µF ±20%

- DISCHARGE RESISTOR, 165KΩ
- LINE/GROUND AND LINE/LINE, 6000 MΩ (MIN) AT 100 VDC
- INSULATION RESISTANCE, 20°C AND 50% RH
- (W/O DISCHARGE RESISTOR)

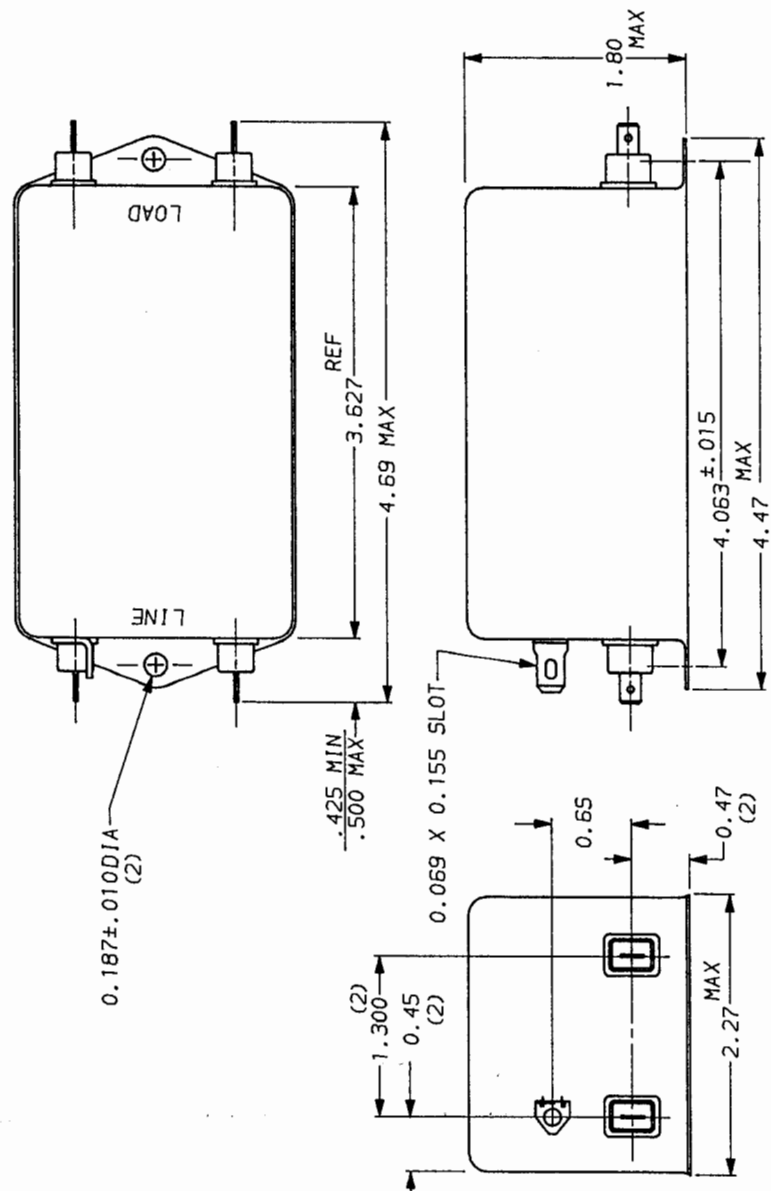
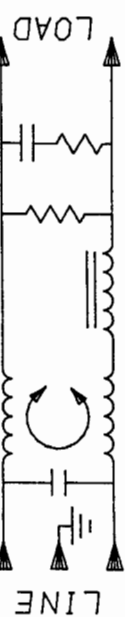
RECOMMENDED RECEIVING INSPECTION HIPOT.

- LINE TO GROUND, 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	0.1	0.2	0.5	1.5	5	15	50	150	500	1500	3000
MHz	0.1	0.2	0.5	1.5	5	15	50	150	500	1500	3000
COMMON	9	15	24	36	42	34	22	11	14	12	8
DIFF. dB	7	8	17	52	70	70	65	55	40	35	

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

FINISH:

corcom
 LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE: NTS 7-21-92
 DATE: 7-21-92
 DRAWN BY: CFM
 DESIGNED BY: CFM
 REV. NO. 10EHT1.01