

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, B
- VDE 0565-3

UL RECOGNIZED
 CSA CERTIFIED
 VDE APPROVED
 SEV APPROVAL PENDING

OPERATING SPECIFICATIONS:

- LINE VOLTAGE/CURRENT, 10 AMP., 120/250 VAC
- 50-60Hz
- LINE FREQUENCY, 2μA @ 120V 60HZ
- MAX. LEAKAGE CURRENT, EACH 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, 6 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.

50n - 50n (MINIMUM) INSERTION LOSS

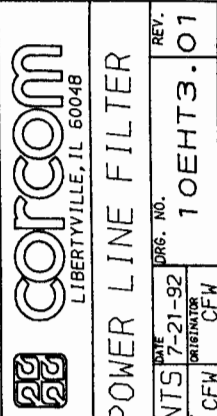
FREQUENCY MHz	.01	.02	.05	.15	.50	1	2	5	8	10	20	30
COMMON dB	9	15	24	36	42	34	22	11	14	12	8	8
DIFF. dB	7	8	17	52	70	70	65	55	40	35		

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

FINISH:

SCALE NTS 7-21-92
 DRG. NO. 10EHT3.01
 DESIGNED BY CFW
 CHECKED BY CFW



POWER LINE FILTER

