

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

OPERATING SPECIFICATIONS:

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

LINE FREQUENCY:
 MAX. CASE RISE θ RATED CURRENT:
 MAX. LEAKAGE CURRENT, EACH
 LINE TO GROUND
 OPERATING AMBIENT TEMP. RANGE:
 -10°C TO +40°C θ 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:
 -40°C TO +85°C

HUMIDITY:
 21 DAYS θ 40°C 95% RH

CURRENT OVERLOAD TEST:
 6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE:
 8.73 mH NOMINAL

CAPACITANCE: (MEASURED θ 1 KHz, 0.25 VAC MAX., 25°C \pm 1°C)
 .011 μ F \pm 20%
 .54 μ F \pm 20%

LINE TO GROUND:
 330 K Ω

LINE TO LINE:
 6000 M Ω (MIN) AT 100 VDC

DISCHARGE RESISTOR:
 20°C AND 50% RH

LINE/GROUND AND LINE/LINE INSULATION RESISTANCE

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.

50 Ω - 50 Ω (MINIMUM) INSERTION LOSS											
FREQUENCY MHz	.01	.02	.05	.1	.15	.5	1	5	10	20	30
COMMON dB	6	12	20	24	26	30	47	50	52	52	35
DIFF. dB	1	1	2	3	10	26	59	65	65	60	60

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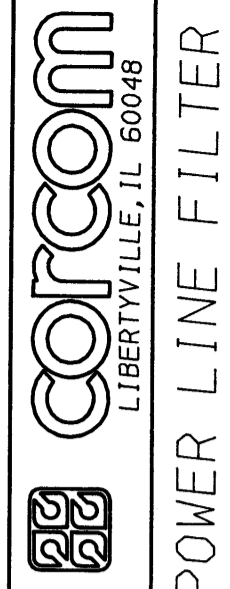
TOLERANCE EXCEPT AS NOTED
 DECIMAL: .XXX .XX .X ANGLES \pm 1°
 ENGLISH: \pm .025
 METRIC: \pm _____

MATERIAL: AS SUPPLIED

FINISH: AS SUPPLIED

SCALE: NTS
 DATE: 8-7-90
 DRW. BY: CFW
 ORIGINATOR: CFW

DRG. NO. 6VSK3.06
 REV. 06



POWER LINE FILTER

