

C. W. *Wetzel*
 APPROVED BY
 DATE: 7-10-90
 REV: 2

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
 CSA 22.2, NO. 0, 0.4, 8
 VDE 565-3

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT:
 6 AMP., 120/250 VAC
 4 AMP./40°C, 250 VAC
 50-60Hz
 .3mA @ 120V 60Hz
 .5mA @ 250V 50Hz
 OPERATING AMBIENT TEMP. RANGE:
 -10°C TO +60°C @ RATED CURRENT, I_r
 IN AN AMBIENT, T_a , HIGHER THAN 60°C, THE MAXIMUM OPERATING CURRENT, I_o , IS AS FOLLOWS:
 $I_o = I_r \sqrt{\frac{85-T_a}{25}}$

RELIABILITY SPECIFICATIONS:

STORAGE TEMPERATURE:
 -40°C TO +85°C
 HUMIDITY:
 21 DAYS @ 40°C 95% RH
 CURRENT OVERLOAD TEST:
 6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE:
 2.2mH NOMINAL
 CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
 LINE TO GROUND:
 8000pF ±20%
 LINE TO LINE:
 0.43µF ±20%
 DISCHARGE RESISTOR:
 560 KΩ
 LINE/GROUND AND LINE/LINE
 INSULATION RESISTANCE
 (WITHOUT DISCHARGE RESISTOR)
 6000 MΩ (MIN) AT 100 VDC
 20°C AND 50% RH

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.

TOLERANCE EXCEPT AS NOTED

DECIMAL: .XXX .XX .X ANGLES ± 1°
 ENGLISH: ± 0.25
 METRIC: ±

MATERIAL: AS SUPPLIED

FINISH:

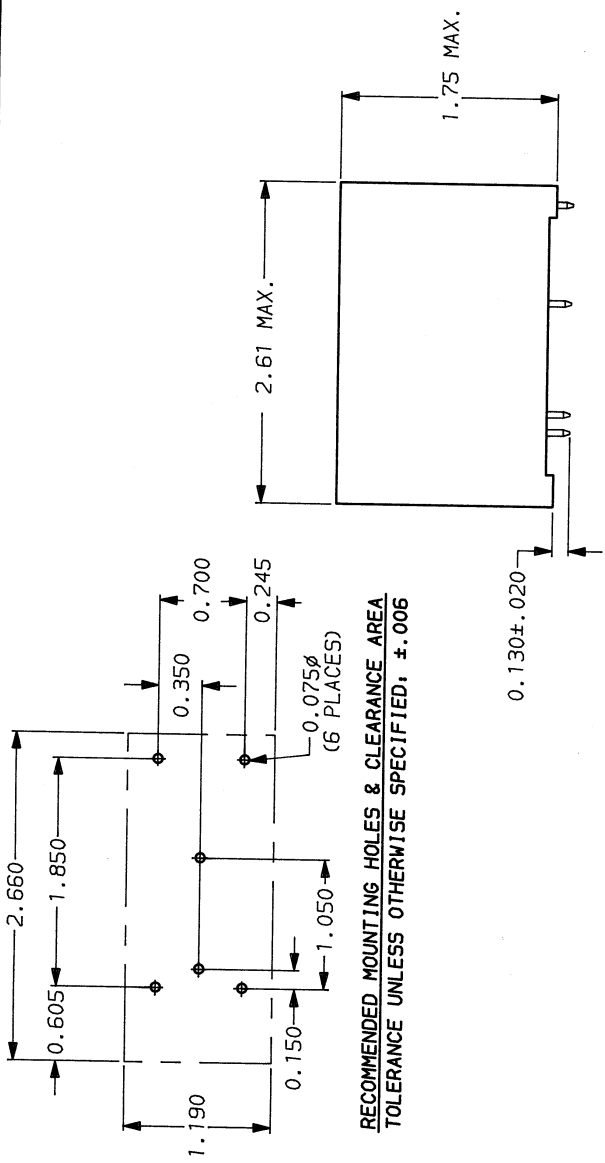
This document is proprietary to CORCOM INC. and is not to be reproduced nor used for manufacturing purposes except on CORCOM's order or prior written consent.

FREQUENCY KHz	50Ω - 50Ω (MINIMUM) INSERTION LOSS								
COMMON	.01	.05	.07	.15	.50	1	5	10	30
DIFF.	2	13	16	22	37	42	40	40	36
	—	—	—	3	31	65	70	60	55

 **corcom**
 LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE: 8-8-86
 DATE: LJD
 ORIGINATOR: CFW
 DRG. NO.: 6EXP.02
 REV.: 02



RECOMMENDED MOUNTING HOLES & CLEARANCE AREA TOLERANCE UNLESS OTHERWISE SPECIFIED, ±.006

