

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  
 CSA CERTIFIED  
 VDE APPROVED

IN PROCESS  
 IN PROCESS  
 IN PROCESS

OPERATING SPECIFICATIONS.

LINE VOLTAGE/CURRENT:  
 3 AMP., 120/250 VAC  
 3 AMP./40°C, 250 VAC  
 50-60Hz  
 .25ma at 120V 60 Hz  
 .42ma at 250V 50 Hz  
 -10°C TO +40°C @ RATED CURRENT, I<sub>r</sub>

IN AN AMBIENT, T<sub>a</sub>, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I<sub>o</sub>, 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:  
 1.99 mH NOMINAL  
 CAPACITANCE, MEASURED @ 1 KHZ, 0.25 VAC MAX., 25°C ±1°C  
 .003µF ±20%  
 .02µF ±20%  
 LINE TO GROUND,  
 LINE TO LINE,  
 DISCHARGE RESISTOR:  
 1.5MΩ  
 LINE/GROUND AND LINE/LINE  
 INSULATION RESISTANCE  
 6000 MΩ (MIN) AT 100 VDC  
 20°C AND 50% RH  
 (W/O DISCHARGE RESISTOR)

RECOMMENDED RECEIVING INSPECTION HIPOT.

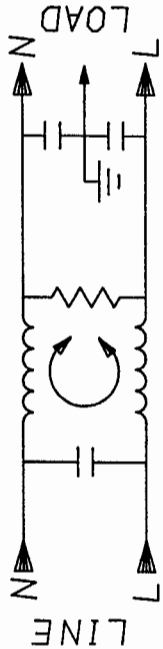
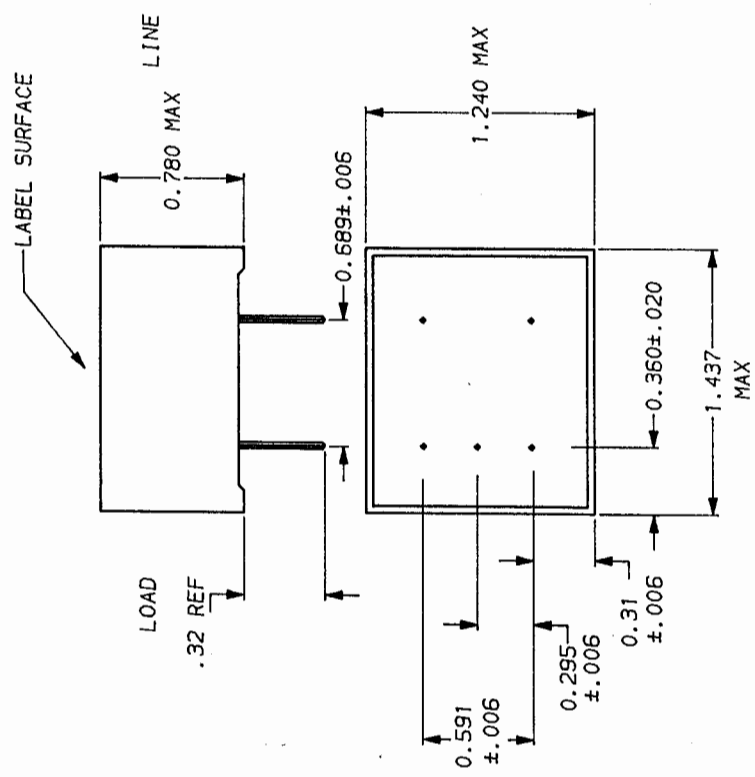
LINES TO GROUND:  
 1500 Vdc FOR 1 MINUTE  
 LINE TO LINE,  
 1450 Vdc FOR 1 MINUTE

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 MHz	.01	.15	.50	1	2	3	4	5	8	10	20	30	
COMMON	1	21	27	31	33	35	40	44	48	48	40	20	15
DIFF.	1	4	6	9	9	20	28	35	40	41	36	35	

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.



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



POWER LINE FILTER

SCALE: 10/21/92  
 DATE: 10/21/92  
 DES. NO.: 3EOP.00  
 REV. 00  
 DRAWN BY: TAM  
 ORIGINAL: TAM