

|                   |                 |
|-------------------|-----------------|
| C. W. J. 11-18-91 | 6               |
| DESCRIPTION       | APP'D./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  
SEV APPROVED

UL 1283  
CSA 22.2, NO.0.0.4.8  
VDE S6S-3  
SEV 1055/TP1977/5.1.1

## OPERATING SPECIFICATIONS.

LINE VOLTAGE/CURRENT,  
1 AMP., 120/250 VAC  
1 AMP./40°C, 250 VAC  
50-60Hz  
30°C

LINE FREQUENCY,  
MAX. CASE RISE & RATED CURRENT,  
MAX. LEAKAGE CURRENT, EACH  
LINE TO GROUND  
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,  
-40°C TO +85°C  
HUMIDITY,  
21 DAYS @ 40°C 95% RH  
CURRENT OVERLOAD TEST,  
6 TIMES RATED CURRENT FOR 8 SECONDS

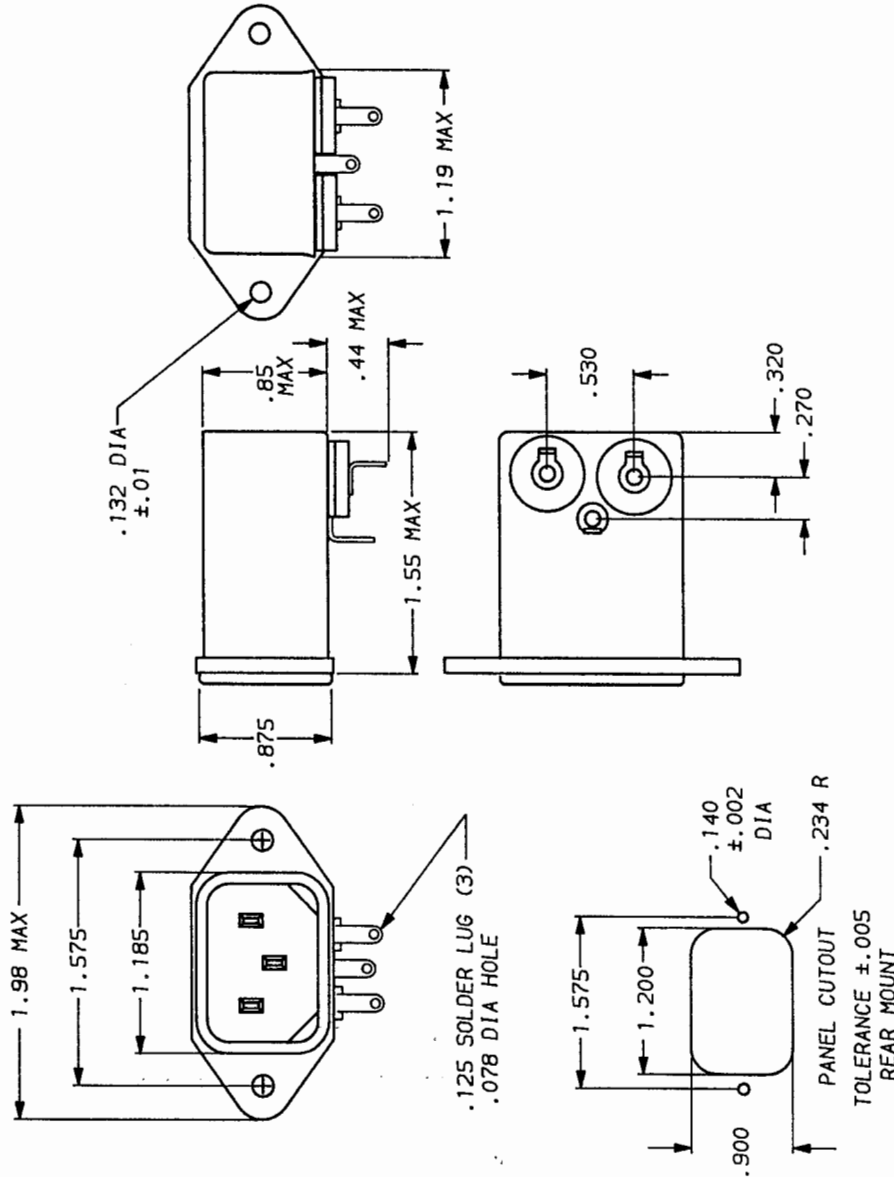
## TEST SPECIFICATIONS.

INDUCTANCE,  
CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)  
LINE TO GROUND,  
LINE TO LINE,  
DISCHARGE RESISTOR,  
LINE/GROUND AND LINE/LINE  
INSULATION RESISTANCE  
(W/O DISCHARGE RESISTOR)

## RECOMMENDED RECEIVING INSPECTION HIPOUT.

2250 VDC FOR 1 MINUTE  
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.

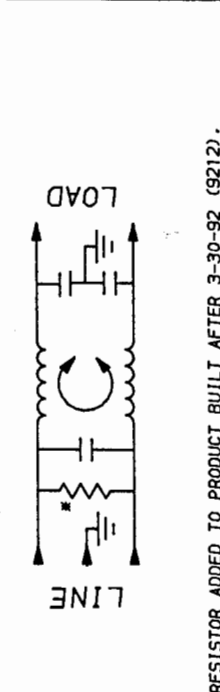


| 50a - 50a (MINIMUM) INSERTION LOSS |     |    |     |     |    |    |    |    |    |
|------------------------------------|-----|----|-----|-----|----|----|----|----|----|
| FREQUENCY<br>MHz                   | .15 | .5 | 1.0 | 5.0 | 10 | 20 | 30 | 40 | 50 |
| COMMON<br>dB                       | 22  | 35 | 40  | 46  | 50 | 50 | 49 |    |    |

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 ± 1° |  | ENGLISH, ±.015 |  | METRIC, ± |  | MATERIAL: AS SUPPLIED |  | FINISH: AS SUPPLIED |  | DATE 9-12-89 |  | REV. NO. 1EF2.06 |  |
| TOLERANCE EXCEPT AS NOTED |  | DECIMAL, .XXX .XX .X ANGLES ± 1° |  | ENGLISH, ±.015 |  | METRIC, ± |  | MATERIAL: AS SUPPLIED |  | FINISH: AS SUPPLIED |  | DATE 9-12-89 |  | REV. NO. 1EF2.06 |  |
| TOLERANCE EXCEPT AS NOTED |  | DECIMAL, .XXX .XX .X ANGLES ± 1° |  | ENGLISH, ±.015 |  | METRIC, ± |  | MATERIAL: AS SUPPLIED |  | FINISH: AS SUPPLIED |  | DATE 9-12-89 |  | REV. NO. 1EF2.06 |  |

|                           |  |                                  |  |                |  |           |  |                       |  |                     |  |              |  |                  |  |
|---------------------------|--|----------------------------------|--|----------------|--|-----------|--|-----------------------|--|---------------------|--|--------------|--|------------------|--|
| TOLERANCE EXCEPT AS NOTED |  | DECIMAL, .XXX .XX .X ANGLES ± 1° |  | ENGLISH, ±.015 |  | METRIC, ± |  | MATERIAL: AS SUPPLIED |  | FINISH: AS SUPPLIED |  | DATE 9-12-89 |  | REV. NO. 1EF2.06 |  |
| TOLERANCE EXCEPT AS NOTED |  | DECIMAL, .XXX .XX .X ANGLES ± 1° |  | ENGLISH, ±.015 |  | METRIC, ± |  | MATERIAL: AS SUPPLIED |  | FINISH: AS SUPPLIED |  | DATE 9-12-89 |  | REV. NO. 1EF2.06 |  |
| TOLERANCE EXCEPT AS NOTED |  | DECIMAL, .XXX .XX .X ANGLES ± 1° |  | ENGLISH, ±.015 |  | METRIC, ± |  | MATERIAL: AS SUPPLIED |  | FINISH: AS SUPPLIED |  | DATE 9-12-89 |  | REV. NO. 1EF2.06 |  |



\*RESISTOR ADDED TO PRODUCT BUILT AFTER 3-30-92 (9212).