

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
 UL RECOGNIZED
 CSA 22.2, NO.0,0.4,8
 CSA CERTIFIED
 VDE 565-3
 VDE APPROVED

OPERATING SPECIFICATIONS:

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

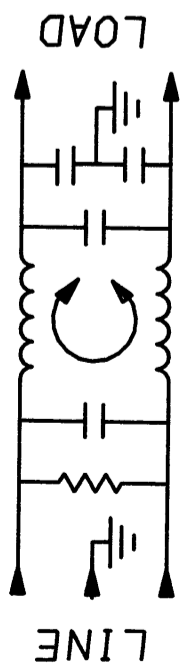
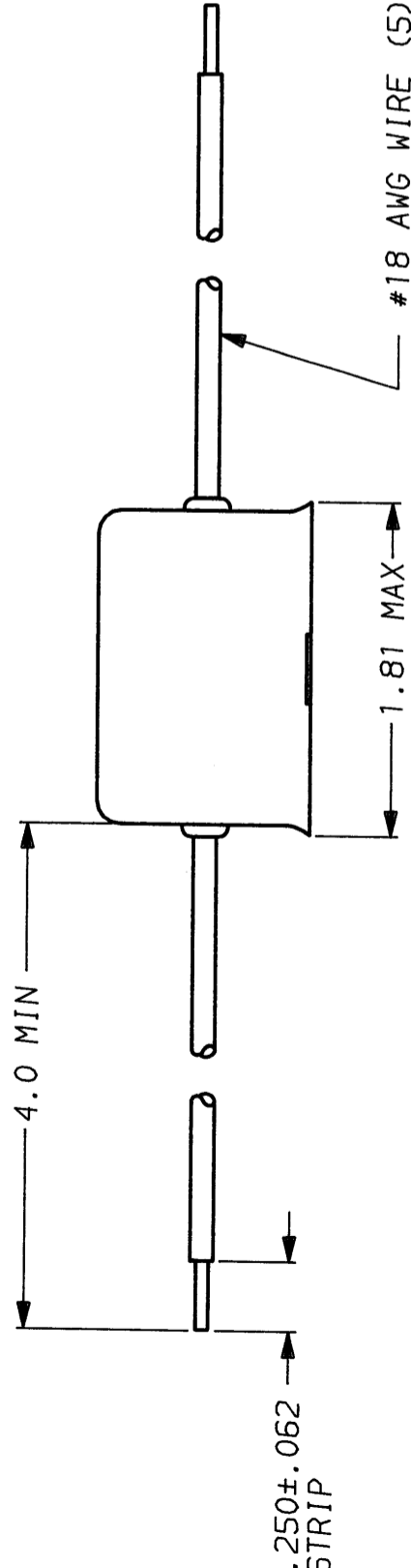
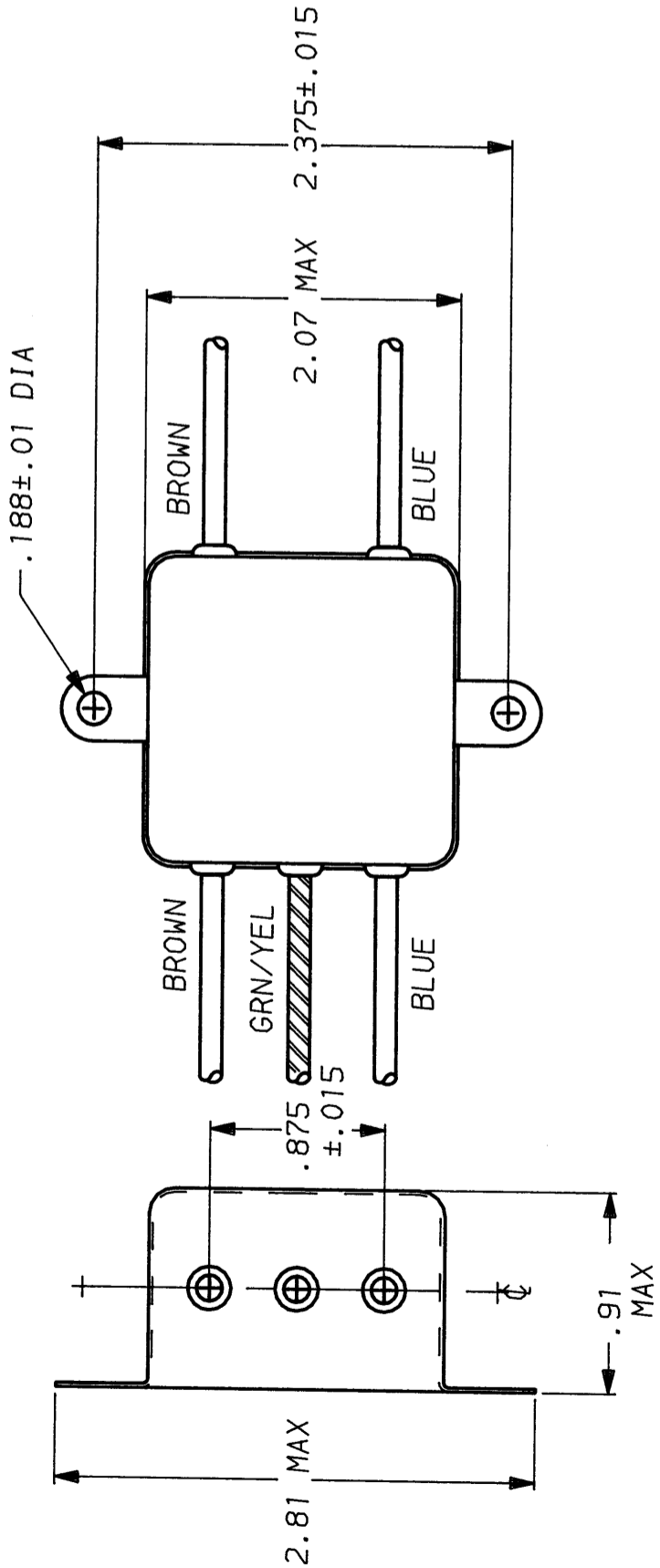
INDUCTANCE:
 .539 mH NOMINAL
 CAPACITANCE: (MEASURED θ 1 KHz, 0.25 VAC MAX., 25°C \pm 1°C)
 .011 μ F \pm 20%
 .203 μ F \pm 20%
 1.5M Ω
 DISCHARGE RESISTOR
 6000 M Ω (MIN) AT 100 VDC
 20°C AND 50% RH
 LINE/GROUND AND LINE/LINE
 INSULATION RESISTANCE

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.



| FREQUENCY MHz | 50 Ω - 50 Ω (MINIMUM) INSERTION LOSS | | | | | | | | | |
|------------------|--|----|----|----|----|----|----|----|----|--|
| | .15 | .3 | .5 | 1 | 2 | 5 | 10 | 20 | 30 | |
| COMMON | 11 | 19 | 25 | 33 | 40 | 50 | 54 | 55 | 55 | |
| DIFF. dB | 5 | 2 | 2 | 35 | 55 | 58 | 52 | 35 | 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: \pm .025
 METRIC: \pm —

MATERIAL:
 AS SUPPLIED

FINISH:
 AS SUPPLIED



POWER LINE FILTER

SCALE NTS 7-31-90
 DATE 7-31-90
 DRW. BY CFW
 ORIGINATOR CFW
 DRG. NO. 2VK3.05
 REV.