

## 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 565-3  
SEV 1055/TP1977/5.1.1

## OPERATING SPECIFICATIONS:

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

MAX. LEAKAGE CURRENT, EACH:  
LINE TO GROUND: .25 mA AT 120V 60Hz  
.40 mA at 250V 50Hz

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: 1.078 mH NOMINAL  
CAPACITANCE, (MEASURED @ 1 KHz, 0.25VAC MAX., 25°C±1°C)  
LINE TO GROUND: .006  $\mu$ F ±20%  
LINE TO LINE: .301  $\mu$ F ±20%  
DISCHARGE RESISTOR: 680k $\Omega$

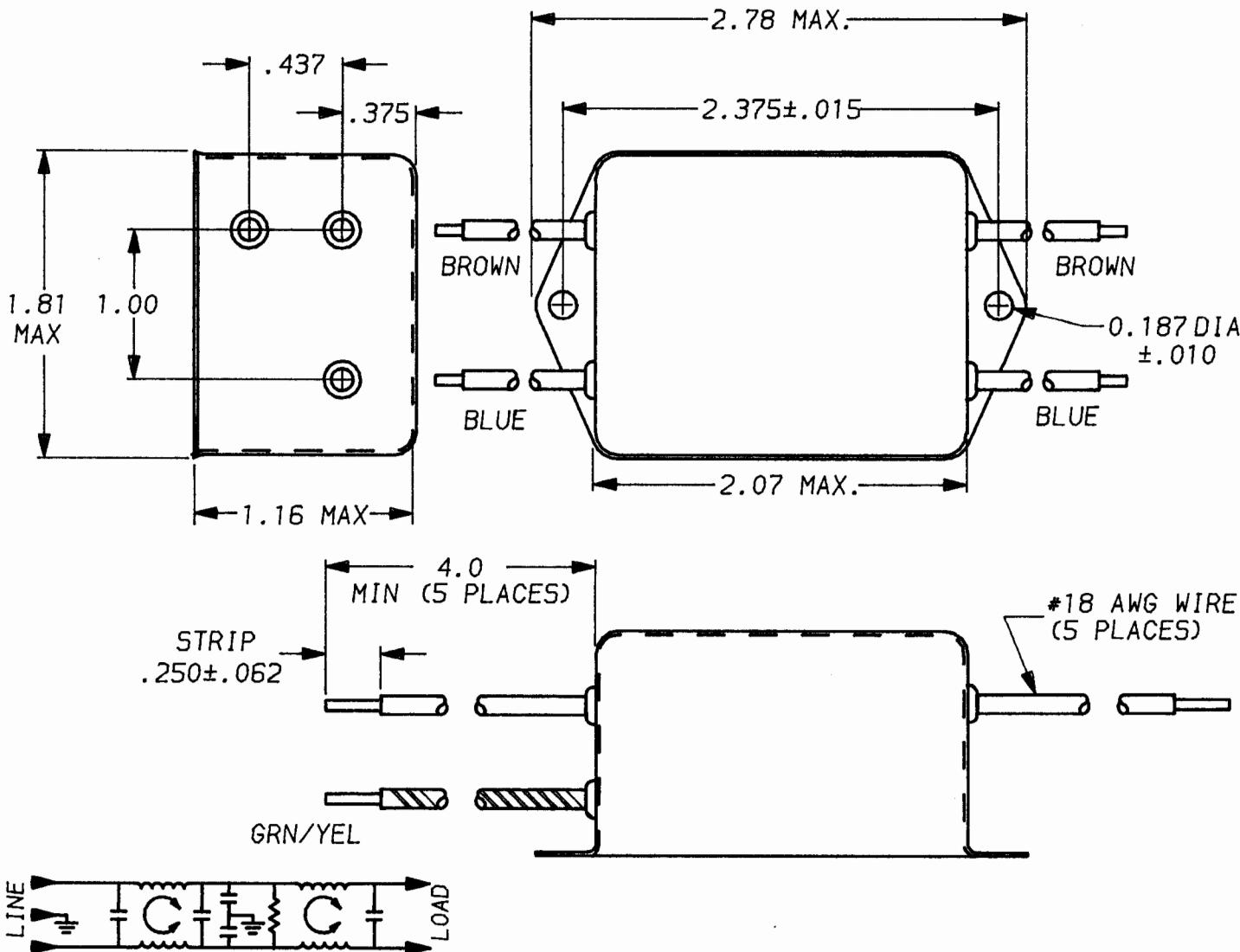
LINE/GROUND AND LINE/LINE: 6000M $\Omega$  (MIN) AT 100VDC  
INSULATION RESISTANCE: 20°C AND 50% RH

## 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.

50 $\Omega$  - 50 $\Omega$  (MINIMUM) INSERTION LOSS

FREQUENCY MHz	50 $\Omega$ - 50 $\Omega$ (MINIMUM) INSERTION LOSS											UNLESS OTHERWISE SPECIFIED, TOLERANCE TO BE ± .025 MATERIAL & FINISH: AS SUPPLIED
	.15	.3	.5	1	2	5	10	20	30	/	/	
COMMON dB	2	26	45	55	65	65	65	65	65	/	/	This document is proprietary to CORCOM INC. and is not to be reproduced nor used for manufacturing purposes except on CORCOM's prior written consent.
DIFF. dB	5	2	8	55	65	62	58	48	48	/	/	

**CORCOM**  
LIBERTYVILLE, IL 60046

POWER LINE FILTER

DATE: 9-27-93 CATALOG NO.  
APPRV'D. TAW 2ER3  
CAD NO. 2ER3.04

# Mouser Electronics

Authorized Distributor

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