

C. Webster	11-20-91	0
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 (PENDING)
- UL 544
- CSA 22.2, NO. 0.0.4.8
- VDE 565-3

OPERATING SPECIFICATIONS:

- LINE VOLTAGE/CURRENT: 6 AMP., 120/250 VAC
- LINE FREQUENCY: 50-60Hz
- MAX. CASE RISE & RATED CURRENT: 30°C
- MAX. LEAKAGE CURRENT, EACH LINE TO GROUND: 2µA at 120V 60 Hz
- OPERATING AMBIENT TEMP. RANGE: 5µA at 250V 50 Hz
- 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:

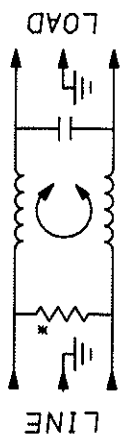
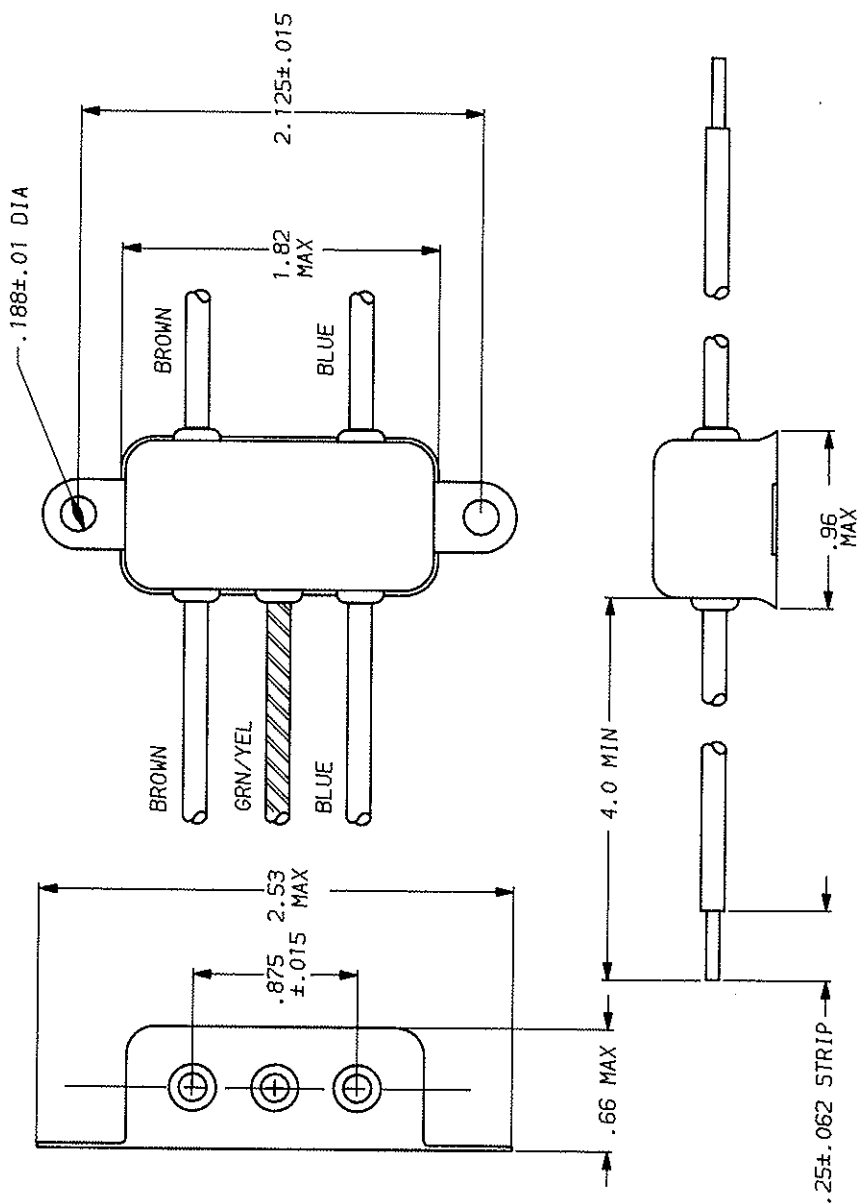
- INDUCTANCE: 0.465 mH NOMINAL
- CAPACITANCE, MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C: .01µF ±20%
- LINE TO LINE:

- DISCHARGE RESISTOR: 1.5 MΩ
- LINE/GROUND AND LINE/LINE INSULATION RESISTANCE: 6000 MΩ (MIN) AT 100 VDC
- (W/O DISCHARGE RESISTOR): 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOUT:

- 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.



FREQUENCY MHZ	50Ω - 50Ω (MINIMUM) INSERTION LOSS							
	.15	.5	1.0	5.0	10	20	30	
COMMON dB	9	16	20	26	23	20	18	

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.



POWER LINE FILTER

DATE	DRG. NO.	REV.
11-19-91		6EH3.00
DESIGNATOR	CFW	
REV. OF		

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