

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
- CSA 22.2, NO. 0, 0, 4, 8
- VDE 565-3, 625D
- SEN 432901
- SEV 1055/TP1977/5.1.1

OPERATING SPECIFICATIONS

- LINE VOLTAGE/CURRENT: 4 AMP., 120/250 VAC
- 50-60Hz
- LINE FREQUENCY: 120V 60Hz
- MAX. LEAKAGE CURRENT, EACH LINE TO GROUND: .25mA @ 120V 60Hz
- OPERATING AMBIENT TEMP. RANGE: .40mA @ 250V 50Hz
- 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: -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: .35mH NOMINAL
- CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ± 1°C): .0028µF ± 20%
- LINE TO GROUND: .047µF ± 20%
- LINE TO LINE: 1.5 MΩ
- DISCHARGE RESISTOR: 6000 MΩ (MIN) AT 100 VDC
- LINE/GROUND AND LINE/LINE INSULATION RESISTANCE (W/O DISCHARGE RESISTOR): 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOUT

- 2250 VDC FOR 1 MINUTE
- 1450 VDC FOR 1 MINUTE

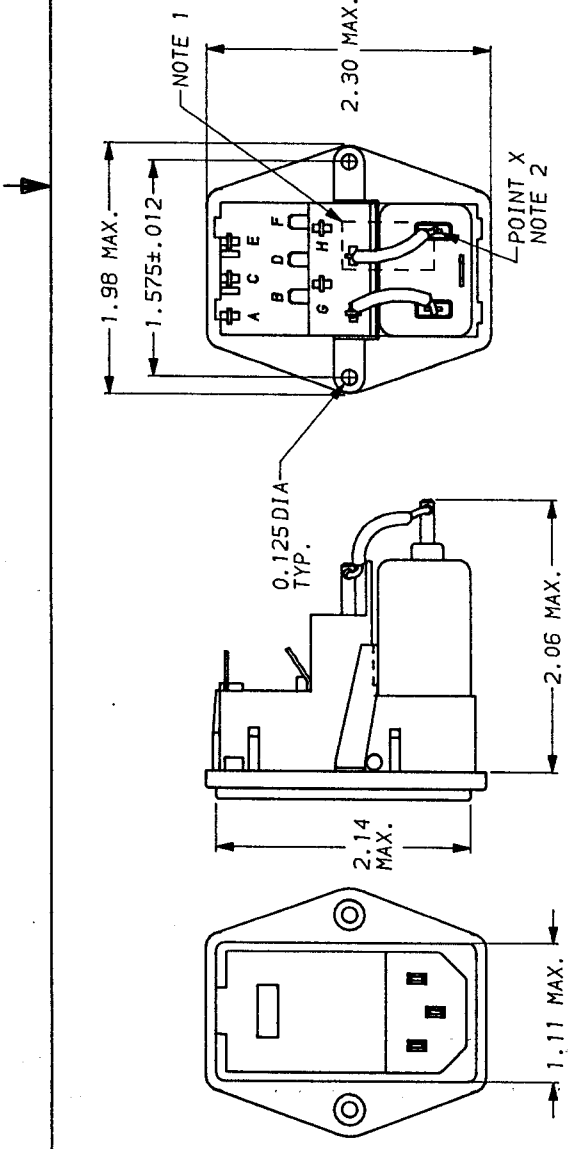
FILTER APPROVAL: THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.

TOLERANCE EXCEPT AS NOTED

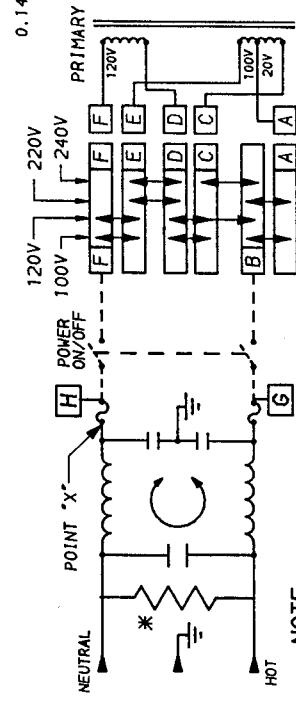
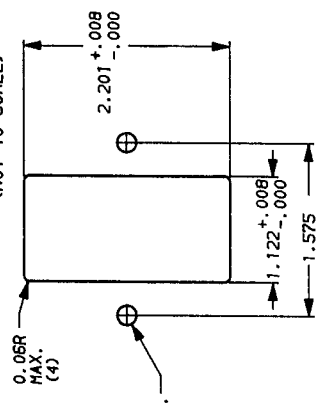
DECIMAL: .XXX .XX .X ANGLES ± 1°
ENGLISH: ±.025
METRIC: ±

MATERIAL: AS SUPPLIED

FINISH:



RECOMMENDED PANEL CUTOUT
(NOT TO SCALE)



- NOTE:
- PROVISION FOR DUAL EUROPEAN STYLE FUSING 4EDL4M ONLY.
 - 4EDL4 CONNECT JUMPER OR SWITCH FROM POINT X TO F AND FROM G TO B.

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

FREQUENCY PHZ	50	100	150	200	300	500	1000	3000	5000	10000	30000	50000
COMMON	2	8	14	18	27	32	38	45	47	47	47	47
DIFF. dB	—	6	15	18	23	26	26	26	26	26	26	26

50Ω - 50Ω (MINIMUM) INSERTION LOSS

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.

corcom
LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE	DATE	DRG. NO.	REV.
NTS	3-12-87	4EDL4 & 4EDL4M	5
DRN. BY	ORIGINATOR		
LJD	CFW		