

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 22.2, NO. 0.0.4.8
- VDE APPROVED VDE 565-3, 625
- SEMKO APPROVED SEN 432901
- SEV APPROVED SEV 1055/TP1977/5.1.1

OPERATING SPECIFICATIONS.

- LINE VOLTAGE/CURRENT: 2 AMP., 120/250 VAC
- LINE FREQUENCY: 50-60Hz
- MAX. LEAKAGE CURRENT, EACH LINE TO GROUND: .25mA @ 120V 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: -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: .79mH NOMINAL
- CAPACITANCE, MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ± 1°C: .0028µF ± 20%
- LINE TO GROUND: .047µF ± 20%
- DISCHARGE RESISTOR: 1.5 MΩ
- LINE/GROUND AND LINE/LINE INSULATION RESISTANCE (W/O DISCHARGE RESISTOR): 6000 MΩ (MIN) AT 100 VDC
- 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT.

- LINE TO GROUND, LINE TO LINE: 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:

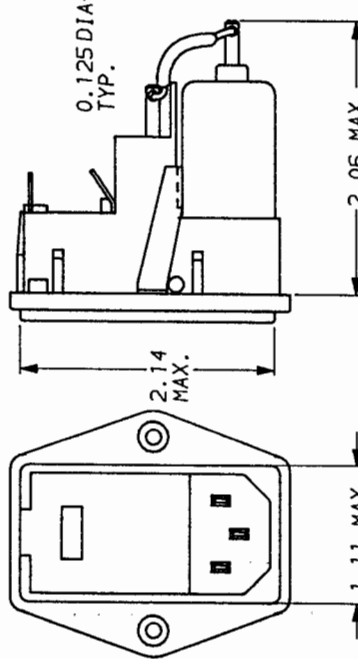
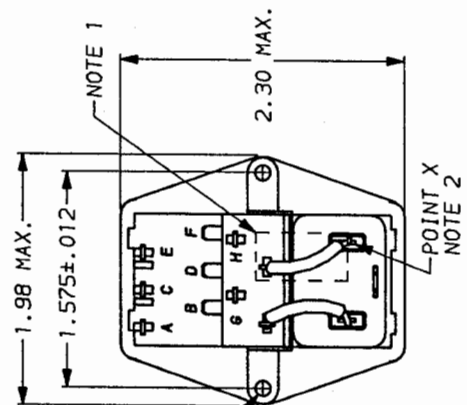
This document is proprietary to CORCOM INC. and is not to be reproduced nor used for manufacturing purposes except on CORCOM's order or prior written consent.



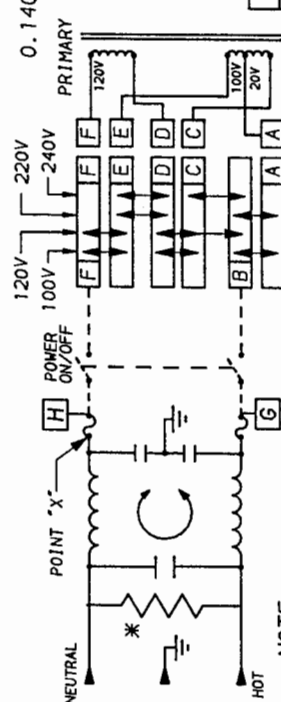
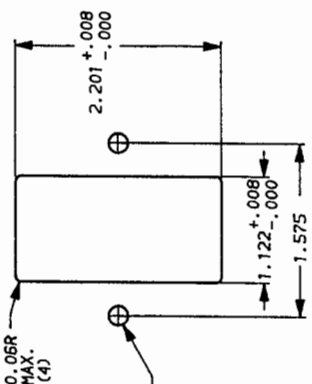
LIBERTYVILLE, IL 60048

POWER LINE FILTER

DATE	DRG. NO.	REV.
3-12-87	2EDL4 & 2EDL4M	6
DESIGNED BY	CFW	
LDJ		



RECOMMENDED PANEL CUTOOUT
(NOT TO SCALE)



- NOTE: 1.) PROVISION FOR DUAL EUROPEAN STYLE FUSING 2EDL4M ONLY.
- 2.) 2EDL4 CONNECT JUMPER OR SWITCH FROM POINT X TO F AND FROM G TO B.

50Ω - 50Ω (MINIMUM)	INSERTION LOSS
FREQUENCY MHz	0.05 15 50 100 300 500 1000 3000 5000 10000
COMMON	6 14 20 24 35 40 45 50
DIFF. dB	7 16 21 23 37 47 50

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[2EDL4M](#)