

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, 6250
- SEN 432901
- SEV 1055/TP1977/5.1.1

OPERATING SPECIFICATIONS:

- LINE VOLTAGE/CURRENT: 6 AMP., 120/250 VAC
- LINE FREQUENCY: 50-60HZ
- MAX. LEAKAGE CURRENT, EACH LINE TO GROUND: .25mA @ 120V 60HZ
- OPERATING AMBIENT TEMP. RANGE: .40mA @ 250V 50HZ
- IN AN AMBIENT, T_0 , HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_0 , IS AS FOLLOWS:

$$I_0 = I_r \sqrt{\frac{85-T_0}{45}}$$

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: .27mH NOMINAL
- CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
- LINE TO GROUND: .0028μF ±20%
- LINE TO LINE: .047μF ±20%
- 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.

- 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
ENGLISH: ±.025
METRIC: ±

MATERIAL: AS SUPPLIED

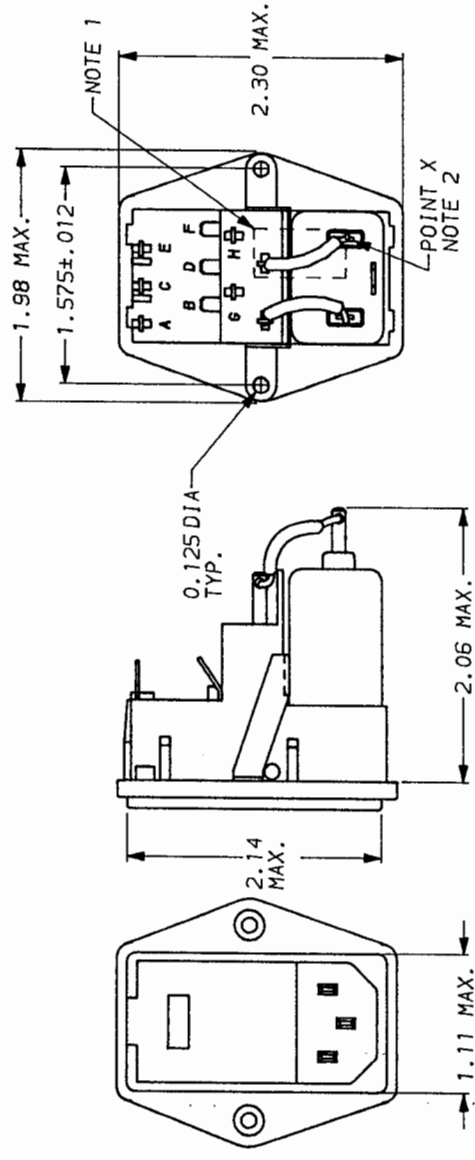
FINISH:



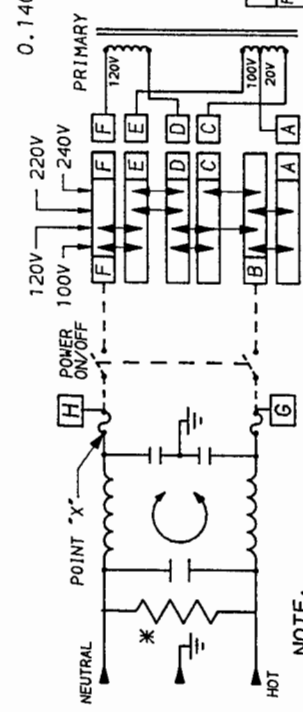
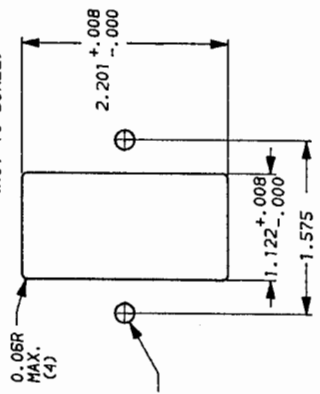
LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE	DATE	DRG. NO.	REV.
NTS	3-12-87	6EDL4 & 6EDL4M	5
BY	ORIGINATOR		
LJD	CFW		



RECOMMENDED PANEL CUTOUT
(NOT TO SCALE)



- PROVISION FOR DUAL EUROPEAN STYLE FUSING 6EDL4M ONLY.
- 6EDL4 CONNECT JUMPER OR SWITCH FROM POINT X TO F AND FROM G TO B.

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

50Ω - 50Ω (MINIMUM)	INSERTION LOSS
FREQUENCY KHz	0.05 15 50 1.0 3.0 5.0 10 30
COMMON dB	1 6 13 17 26 31 37 45
DIFF. dB	— 6 15 20 25 25 45 50

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