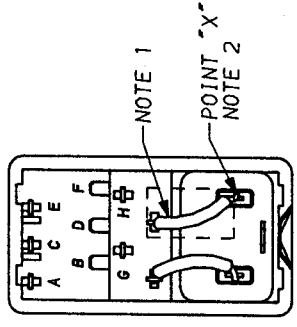
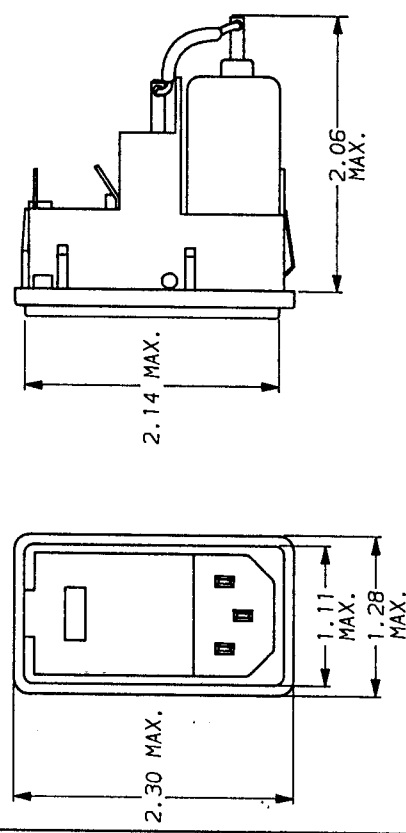
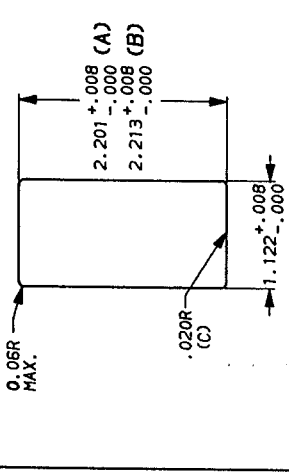
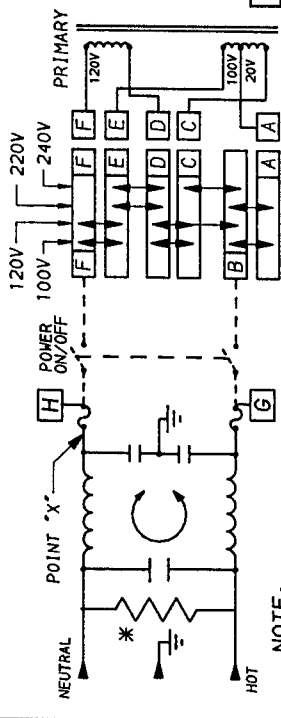


**RECOMMENDED PANEL CUTOUT**  
(NOT TO SCALE)

NOTES:  
 (A) FOR PANEL TH'K. OF .031 - .075  
 (B) FOR PANEL TH'K. OF .083 - .126  
 (C) FOR SNAP-IN APPLICATION. THE SIDES OF THE CUTOUT MUST HAVE A .020R. ON THE INSTALLATION SIDE.



NOTE: ALL BACKPLATE TERMINALS ARE .110 FASTONS.



NOTE:  
 1.) PROVISION FOR DUAL EUROPEAN STYLE FUSING 6EDL4CM ONLY.  
 2.) 6EDL4C CONNECT JUMPER OR SWITCH FROM POINT X TO F AND FROM G TO B.

**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
- UL 1283
- CSA 22.2, NO.0,0,4,8
- VDE 565-3, 625
- SEN 432901
- SEV 1055/TP1977/5.1.1

**OPERATING SPECIFICATIONS:**

- LINE VOLTAGE/CURRENT, 6 AMP., 120/250 VAC
- 6 AMP./40°C, 250 VAC
- 50-60Hz
- LINE FREQUENCY, MAX. LEAKAGE CURRENT, EACH .25mA @ 120V 60Hz
- LINE TO GROUND .40mA @ 250V 50Hz
- OPERATING AMBIENT TEMP. RANGE, -10°C TO +40°C @ RATED CURRENT, I<sub>F</sub>

IN AN AMBIENT, I<sub>0</sub>, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I<sub>0</sub>, IS AS FOLLOWS:

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

**RELIABILITY SPECIFICATIONS:**

- STORAGE TEMPERATURE, -25°C TO +40°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) .0028µF ±20%
- LINE TO GROUND, .047µF ±20%
- LINE TO LINE, 1.5 MΩ
- DISCHARGE RESISTOR, 6000 MΩ (MIN) AT 100 VDC
- INSULATION RESISTANCE (H/O DISCHARGE RESISTOR) 20°C AND 50% RH

**RECOMMENDED RECEIVING INSPECTION HIPOT.**

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

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: .XX .XX .X ANGLES ENGLISH: ±.025 METRIC: ±

MATERIAL: AS SUPPLIED

50n - 50n (MINIMUM) INSERTION LOSS	
FREQUENCY MHz	.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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LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE	DATE	DRG. NO.	REV.
NTS	2-9-87	6EDL4C & 6EDL4CH	5
DRW. BY	LJD	CFW	

FINISH:

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

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