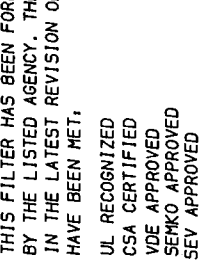
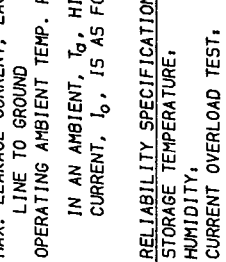


**RECOMMENDED PANEL CUTOUT**  
(NOT TO SCALE)

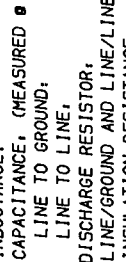


**NOTES:**

- (A) FOR PANEL TH'K. OF .031 --.079
- (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 2EDL4CM ONLY.
- 2.) 2EDL4C CONNECT JUMPER OR SWITCH FROM POINT X TO F AND FROM G TO B.

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

**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, 2 AMP., 120/250 VAC
- 50-60Hz
- LINE FREQUENCY, 2 AMP./40°C, 250 VAC
- 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>r</sub>
- IN AN AMBIENT, T<sub>a</sub>, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I<sub>o</sub>, 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%
- LINE TO LINE, 1.5 MΩ
- DISCHARGE RESISTOR, 6000 MΩ (MIN) AT 100 VDC
- LINE/GROUND AND LINE/LINE INSULATION RESISTANCE 20°C AND 50% RH (W/O DISCHARGE RESISTOR)

**RECOMMENDED RECEIVING INSPECTION HIPOT:**

- 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:**

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50Ω - 50p (MINIMUM) INSERTION LOSS		30		10		5.0		3.0		1.0	
FREQUENCY	PHZ	.05	.15	.50	1.0	3.0	5.0	10	30	100	300
COMMON	dB	6	14	20	24	35	40	45	50		
DIFF.	dB	—	7	16	21	23	37	47	50		

SCALE: NTS DATE 3-4-87 DRG. NO. 2EDL4C & 2EDL4CH 7

DRW. BY LJD ORIGINATOR CFM

LIBERTYVILLE, IL 60048

**CORCOM**

**POWER LINE FILTER**

REV. 7

2EDL4C-2EDL4CH.07

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