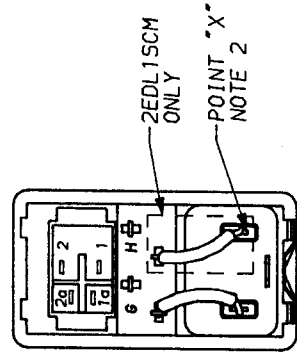
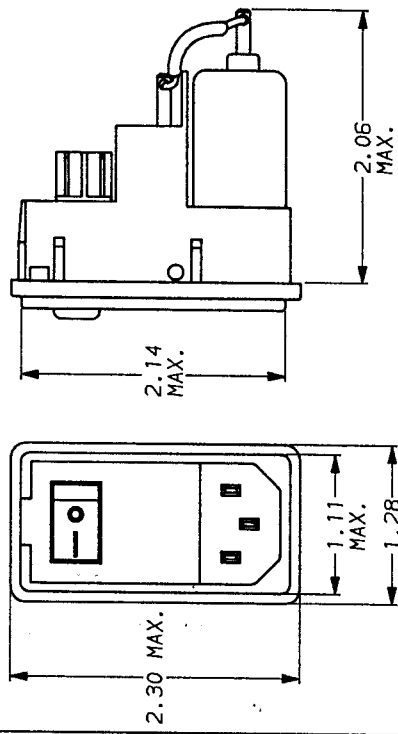
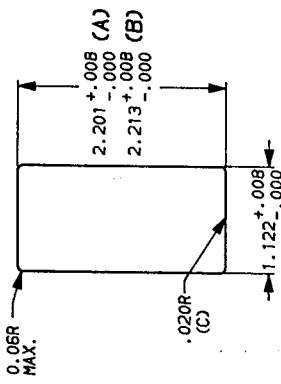


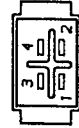
APPROVED BY C. West DATE: 4-30-72 REV. 6

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

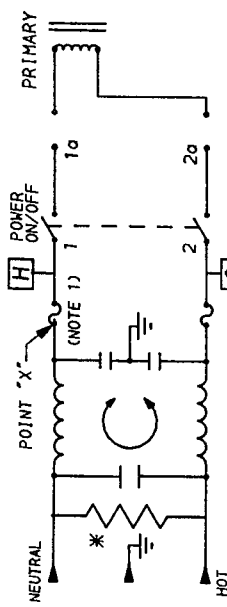
NOTES:  
 (A) FOR PANEL TH'K. OF .031 - .079  
 (B) FOR PANEL TH'K. OF .083 - .126  
 (C) FOR SNAP-IN APPLICATION, THE SIDES OF THE CUTOUT MUST HAVE A .020R. ON THE INSTALLATION SIDE.



NOTE, ALL BACKPLATE TERMINALS ARE .110 FASTONS.



**ALTERNATE SWITCH**



NOTE:  
 1.) PROVISION FOR DUAL EUROPEAN STYLE FUSING.  
 2.) 2EDL15C JUMPER FROM POINT X TO 1 AND FROM G TO 2. 2EDL15CM JUMPER FROM H TO 1 AND FROM G TO 2.

**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 1288
- CSA 22.2, NO.0,0,4,8
- VDE 565-3; 625
- SEN 432901
- SEV 1055/IP1977/5.1.1

**OPERATING SPECIFICATIONS**

- LINE VOLTAGE/CURRENT: 2 AMP., 120/250 VAC
- LINE FREQUENCY: 2 AMP./40°C, 250 VAC
- MAX. LEAKAGE CURRENT, EACH LINE TO GROUND: 50-60Hz
- OPERATING AMBIENT TEMP. RANGE: .25mA @ 120V 60Hz
- IN AN AMBIENT,  $I_o$ , HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT,  $I_o$ , IS AS FOLLOWS: .40mA @ 250V 50Hz

$$I_o = I_r \sqrt{\frac{85-I_o}{45}}$$

**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 (W/O DISCHARGE RESISTOR): 20°C AND 50% RH

**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.

FREQUENCY MHz	.05	.15	.50	1.0	3.0	5.0	10	30
COMMON	6	14	20	24	35	40	45	50
DIFF. dB	—	7	16	21	23	37	47	50

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.



LIBERTYVILLE, IL 60048

**POWER LINE FILTER**

DATE	3-4-87	REV.	6
DESIGNER	LJD	TESTER	CFW
SCALE	NTS	DRAWG. NO.	2EDL15C & 2EDL15CM

# Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[2EDL1SC](#)