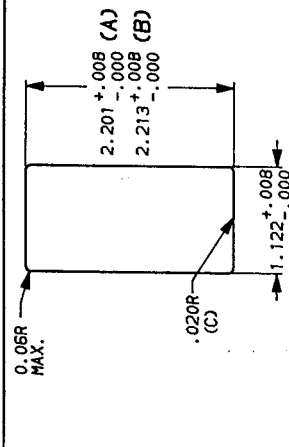


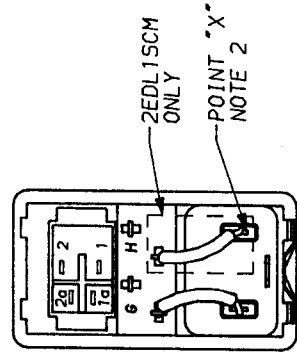
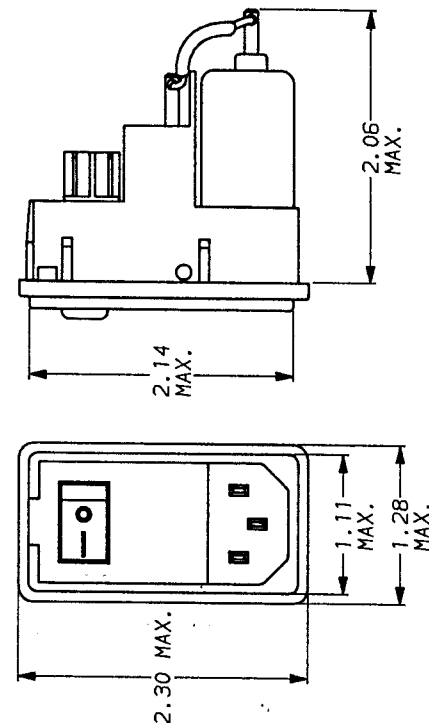
APPROVED BY C. Webster DATE: 4-30-72 REV. 6

RECOMMENDED PANEL CUTOUT
(NOT TO SCALE)

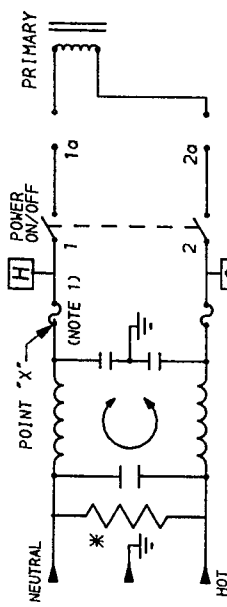


NOTES:

- (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.



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.

*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 1283
- 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
- 2 AMP./40°C, 250 VAC
- 50-60Hz
- .25mA @ 120V 60Hz
- .40mA @ 250V 50Hz
- 10°C TO +40°C @ RATED CURRENT, I_r

IN AN AMBIENT, I_a , HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_o , IS AS FOLLOWS:

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

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:

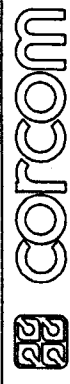
- 2250 VDC FOR 1 MINUTE
- 1450 VDC FOR 1 MINUTE

FILTER APPROVAL:
THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.

50Ω - 50m (MINIMUM) INSERTION LOSS

| 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 |

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POWER LINE FILTER

| DATE | DRG. NO. | REV. |
|------|--------------------|------|
| NTS | 3-4-87 | 6 |
| JLD | CFW | |
| BY | 2EDL15C & 2EDL15CM | |

Mouser Electronics

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