

APPROVED BY: *C. W. ...* DATE: 4-30-92 REV: 5

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 1289
- CSA 22-2, NO. 0, 0, 4, B
- VDE S65-3, 625
- SEMKO APPROVED SEN 432901
- SEV 1055/TP1977/S.1.1

OPERATING SPECIFICATIONS:

- LINE VOLTAGE/CURRENT, 6 AMP., 120/250 VAC
- LINE FREQUENCY, 50-60Hz
- 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_r

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

$$I_o = I_r \sqrt{\frac{95 - T_a}{45}}$$

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
- LINE/GROUND AND LINE/LINE INSULATION RESISTANCE, 20°C AND 50% RH
- (X/O DISCHARGE RESISTOR)

RECOMMENDED RECEIVING INSPECTION HIPOIT.

- LINES TO GROUND, 2250 VDC FOR 1 MINUTE
- LINE TO LINE, 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:

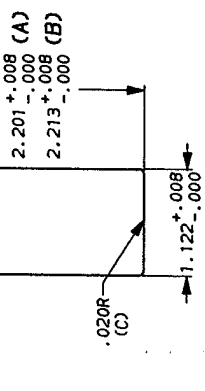
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POWER LINE FILTER

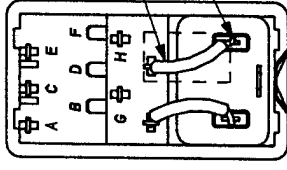
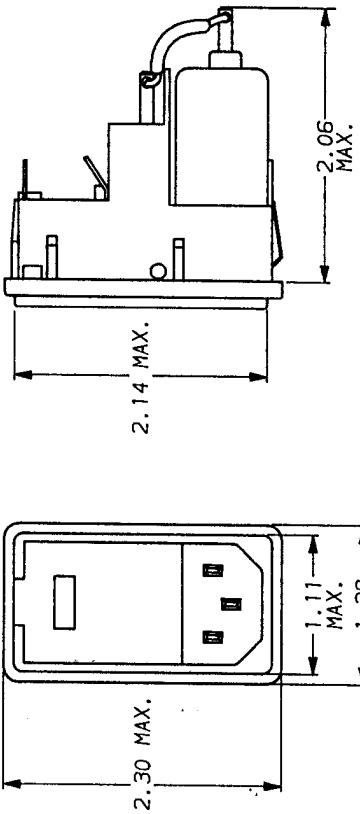
SCALE	DATE	DRG. NO.	REV.
NTS	2-9-87	6EDL4C & 6EDL4CM	5
DRW. BY	LJD	CFW	

RECOMMENDED PANEL CUTOUT
(NOT TO SCALE)

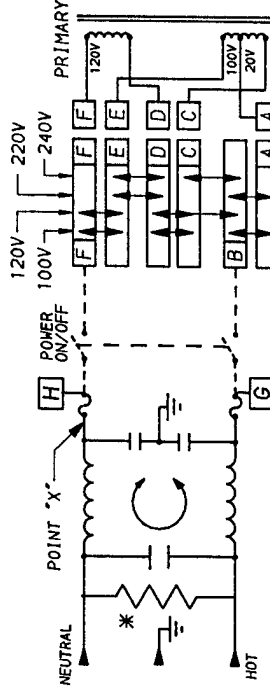


NOTES:

- (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 6EDL4CM ONLY
- 2.) 6EDL4C CONNECT JUMPER OR SWITCH FROM POINT X TO F AND FROM G TO B.

50Ω - 50Ω (MINIMUM) INSERTION LOSS									
FREQUENCY MHz	.05	.15	.50	1.0	3.0	5.0	10	30	
COMMON	1	6	13	17	26	31	37	45	
DIFF. dB									
DIFF. dB									

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