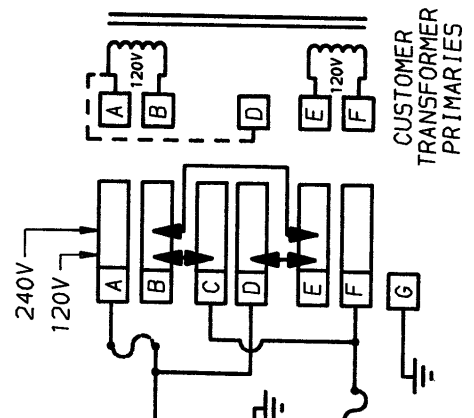
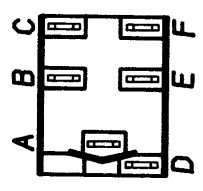
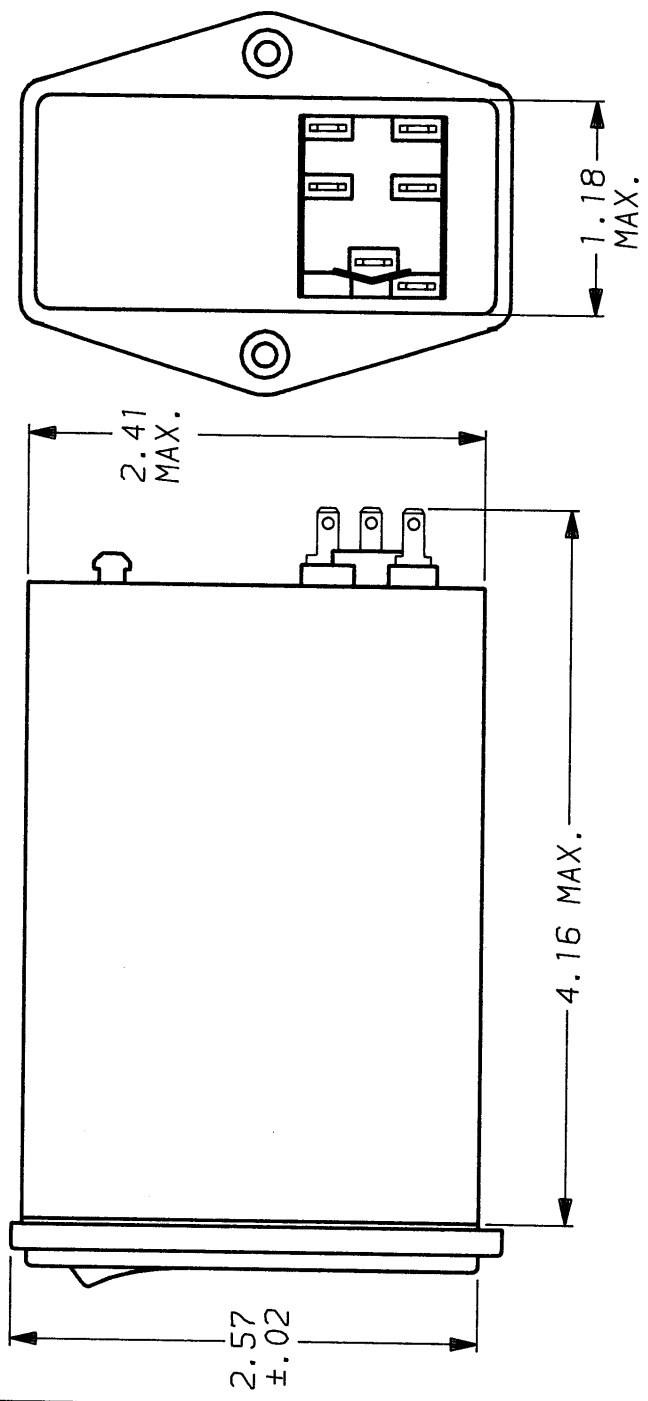
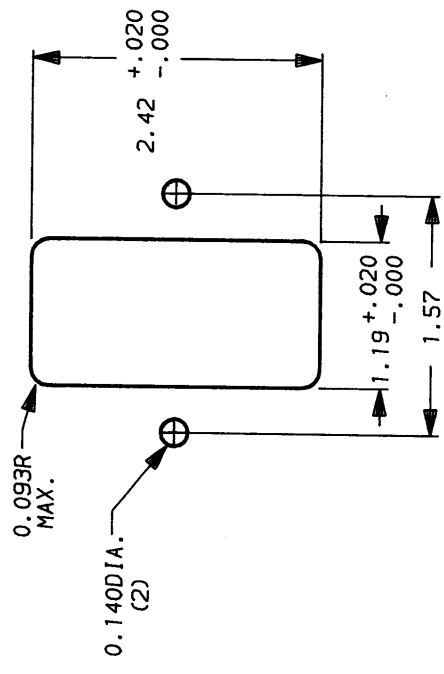


RECOMMENDED PANEL CUTOUT
(NOT TO SCALE)



50Ω - 50Ω (MINIMUM) INSERTION LOSS											
FREQUENCY MHz	.01	.02	.03	.05	.07	.15	.50	1.0	5.0	10	30
COMMON dB	15	21	24	29	32	40	44	40	40	40	40
DIFF. dB	—	3	14	29	38	57	72	72	65	55	50

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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
- SEV 1055/TP1977/5.1.1

OPERATING SPECIFICATIONS:

- LINE VOLTAGE/CURRENT:
 - 3 AMP., 120 VAC
 - 2 AMP./40°C, 250 VAC
 - 50-60Hz
 - .3mA @ 120V 60Hz
 - .5mA @ 250V 50Hz
 - 10°C TO +40°C @ RATED CURRENT, I_r
- LINE FREQUENCY:
 - MAX. LEAKAGE CURRENT, EACH LINE TO GROUND
- OPERATING AMBIENT TEMP. RANGE:
 - IN AN AMBIENT, T_a, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_o, 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:
 - 16mH NOMINAL
- CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
 - LINE TO GROUND: .008μF ±20%
 - LINE TO LINE: .74μF ±20%
- DISCHARGE RESISTOR:
 - 330KΩ
- LINE/GROUND AND LINE/LINE INSULATION RESISTANCE:
 - 6000 MΩ (MIN) AT 100 VDC
 - 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

- 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 ± 1°
ENGLISH: ±.025
METRIC: ± —

MATERIAL: AS SUPPLIED



POWER LINE FILTER

FINISH:

SCALE		DATE		DRG. NO.		REV.
NTS	LJD	6-1-87	ORIGINATOR	CFW	3EZLA2S.02	

Mouser Electronics

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