

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

OPERATING SPECIFICATIONS:
LINE VOLTAGE/CURRENT:

- 2 AMP., 120/250 VAC
- 1.5 AMP./40°C, 250 VAC
- 50-60Hz
- 3mA @ 120V 60Hz
- 5mA @ 250V 50Hz
- 10°C TO +60°C @ RATED CURRENT, I_r

OPERATING AMBIENT TEMP. RANGE:

IN AN AMBIENT, T_a, HIGHER THAN 60°C, THE MAXIMUM OPERATING CURRENT, I_o, IS AS FOLLOWS:

$$I_o = I_r \sqrt{\frac{85 - T_a}{25}}$$

RELIABILITY SPECIFICATIONS:

- STORAGE TEMPERATURE:
-40°C TO +85°C
- HUMIDITY:
21 DAYS @ 40°C 95% RH
- CURRENT OVERLOAD TEST:
6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

- INDUCTANCE:
21.52mH NOMINAL
- CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
LINE TO GROUND:
8000pF ±20%
- LINE TO LINE:
.6μF ±20%
- DISCHARGE RESISTOR:
330 KΩ
- LINE/GROUND AND LINE/LINE
INSULATION RESISTANCE
(WITHOUT DISCHARGE RESISTOR)
5000 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



LIBERTYVILLE, IL 60048

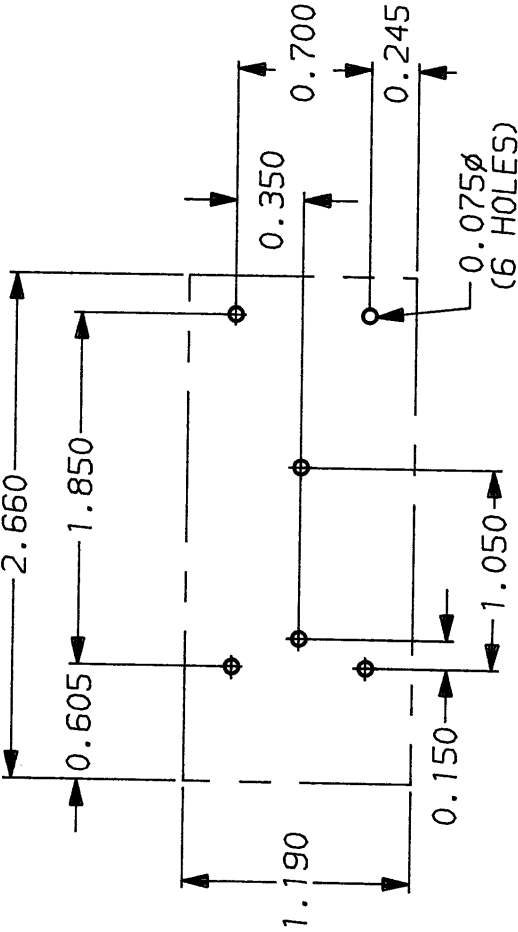
POWER LINE FILTER

FINISH:

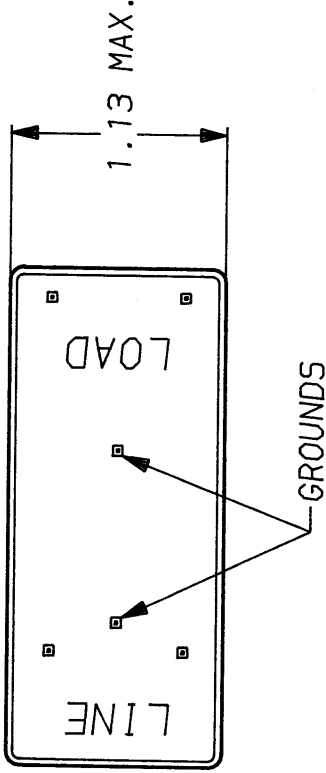
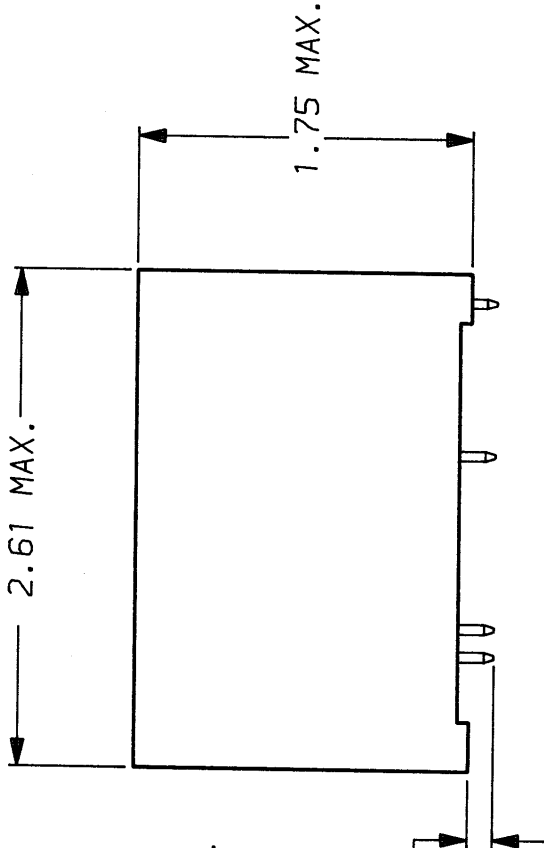
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SCALE	DATE	DRG. NO.	REV.
NTS	8-8-86		
DRW. BY	ORIGINATOR		
LJD	CFW		

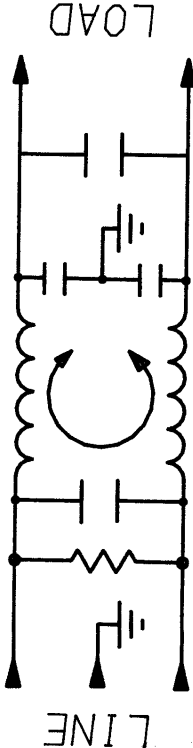
2EZP.03



RECOMMENDED MOUNTING HOLES & CLEARANCE AREA
TOLERANCE UNLESS SPECIFIED: ±.006



PINS: .065 MAX. DIAGONAL
(6 PLACES)



50Ω - 50Ω (MINIMUM) INSERTION LOSS

FREQUENCY MHz	.01	.03	.05	.07	.15	.50	1	5	10	30
COMMON dB	18	28	32	36	45	41	40	40	40	40
DIFF. dB	—	15	31	40	57	75	70	65	55	50

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