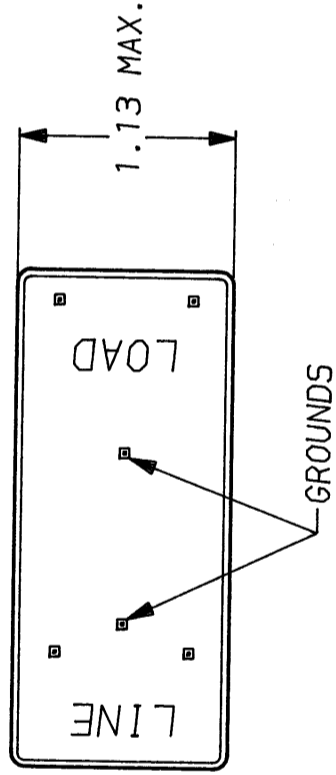
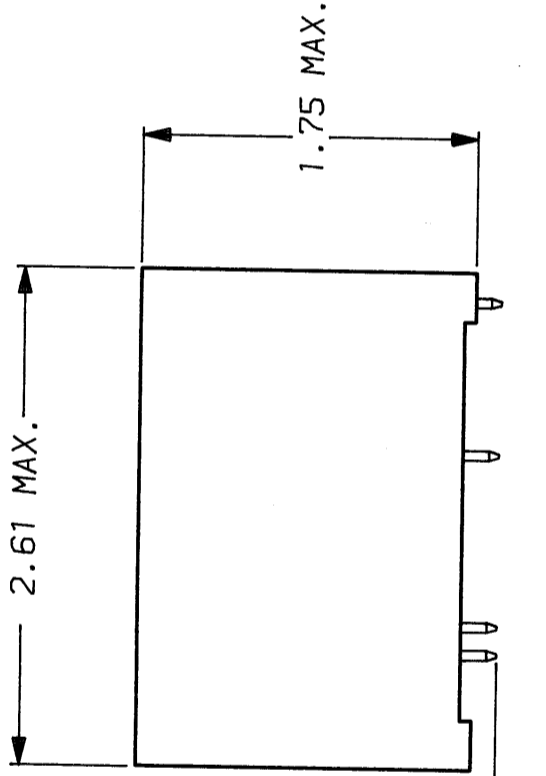
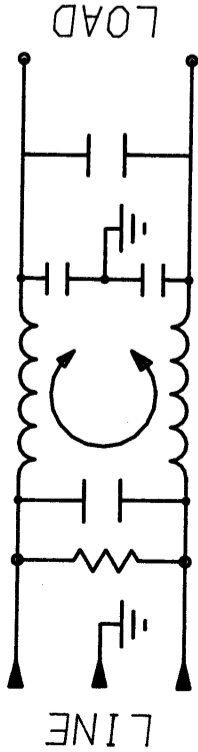


RECOMMENDED MOUNTING HOLES & CLEARANCE AREA TOLERANCE UNLESS OTHERWISE SPECIFIED: ±.006

0.130 ± .020



PINS: .065 MAX. DIAGONAL (6 PLACES)



50Ω - 50Ω (MINIMUM) INSERTION LOSS									
FREQUENCY MHz	.01	.05	.07	.15	.50	1	5	10	30
COMMON dB	2	13	16	22	37	42	40	40	36
DIFF. dB	—	—	3	31	65	70	70	60	55

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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 RECOGNIZED
- CSA CERTIFIED
- VDE APPROVED
- UL 1283
- CSA 22.2, NO.0,0,4,8
- VDE 565-3

OPERATING SPECIFICATIONS:

- LINE VOLTAGE/CURRENT: 6 AMP., 120/250 VAC
- 4 AMP./40°C, 250 VAC
- 50-60Hz
- LINE FREQUENCY: .3mA @ 120V 60Hz
- MAX. LEAKAGE CURRENT, EACH LINE TO GROUND: .5mA @ 250V 50Hz
- OPERATING AMBIENT TEMP. RANGE: -10°C TO +60°C @ RATED CURRENT, I_r

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: 2.2mH NOMINAL
- CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C) 8000pF ±20%
- LINE TO GROUND: 0.43μF ±20%
- LINE TO LINE: 560 KΩ
- DISCHARGE RESISTOR: 6000 MΩ (MIN) AT 100 VDC
- LINE/GROUND AND LINE/LINE INSULATION RESISTANCE (WITHOUT DISCHARGE RESISTOR) 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

FINISH:

C. Wetters

APPROVED BY

7-10-90

DATE:

2

REV



LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE NTS

DATE 8-8-86

DRG. NO.

ORIGINATOR

LJD

CFW

REV.

6EXP.02