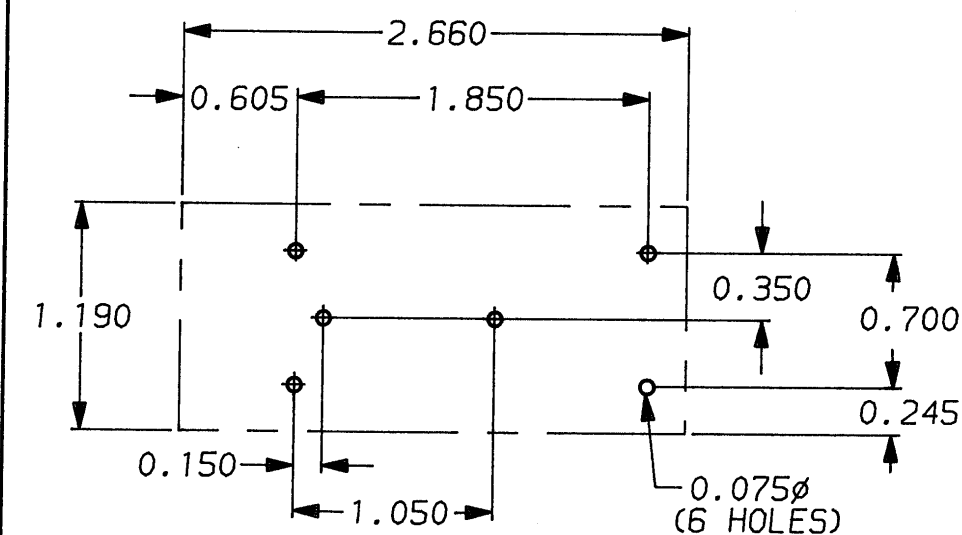
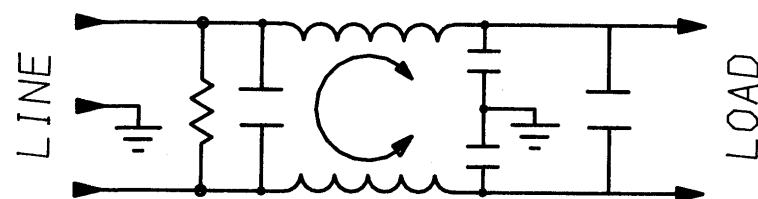
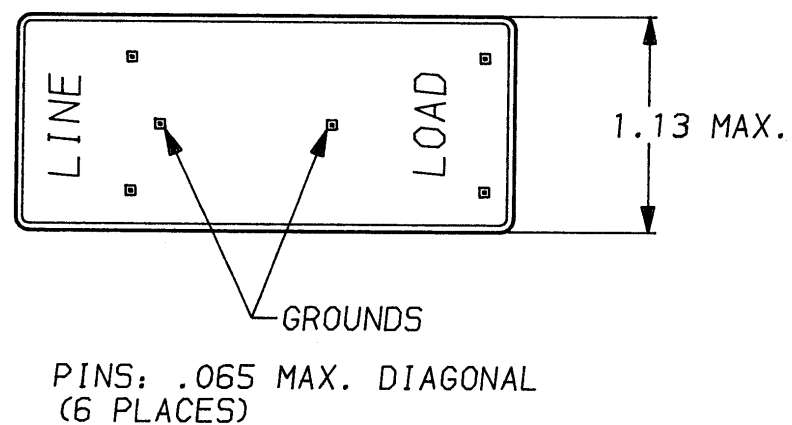
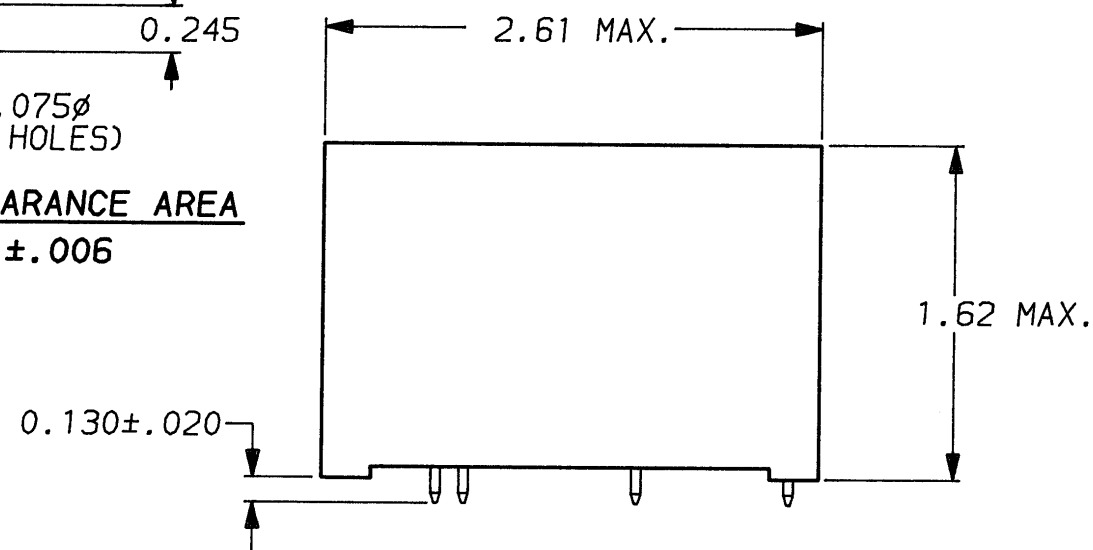




RECOMMENDED MOUNTING HOLES & CLEARANCE AREA
TOLERANCE UNLESS SPECIFIED: ± 0.006



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:

1 AMP., 120/250 VAC
.75 AMP./40°C, 250 VAC

LINE FREQUENCY:

50-60Hz

MAX. LEAKAGE CURRENT, EACH

.3mA @ 120V 60Hz

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:

21.2mH NOMINAL

CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C $\pm$ 1°C)

LINE TO GROUND:

8000pF $\pm$ 20%

LINE TO LINE:

.54 μ F $\pm$ 20%

DISCHARGE RESISTOR:

560 K Ω

LINE/GROUND AND LINE/LINE

6000 M Ω (MIN) AT 100 VDC

INSULATION RESISTANCE

20°C AND 50% RH

(WITHOUT DISCHARGE RESISTOR)

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINE 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.

50 Ω - 50 Ω (MINIMUM) INSERTION LOSS											
FREQUENCY MHz	.01	.02	.03	.05	.07	.15	.50	1	5	10	30
COMMON dB	18	23	27	32	35	43	47	44	43	43	45
DIFF. dB	—	7	19	34	43	62	70	70	70	60	55

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TOLERANCE EXCEPT AS NOTED

DECIMAL: .XXX .XX .X ANGLES $\pm$ 1°

ENGLISH: $\pm$.025

METRIC: $\pm$ —

MATERIAL:

AS SUPPLIED

FINISH:



corcom

LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE NTS

DATE 2-5-87

DRW. BY LJD

ORIGINATOR

CFW

DRG. NO.

1EZP.02

REV.

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