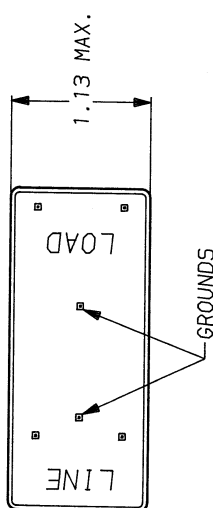
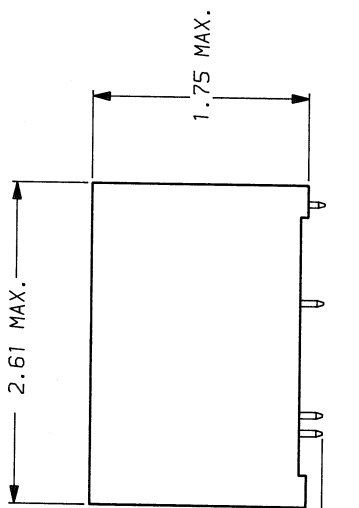
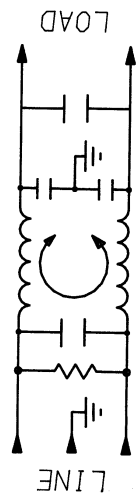


RECOMMENDED MOUNTING HOLES & CLEARANCE AREA
TOLERANCE UNLESS SPECIFIED: ±.006



PINS: .065 MAX. DIAGONAL
 (6 PLACES)



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 APPROVED

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

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) 8000pF ±20%
- LINE TO GROUND: .6µF ±20%
- LINE TO LINE:
- DISCHARGE RESISTOR: 330 KΩ
- LINE/GROUND AND LINE/LINE INSULATION RESISTANCE (WITHOUT DISCHARGE RESISTOR) 6000 MΩ (MIN) AT 100 VDC 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOUT:

- 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.

50Ω - 50Ω (MINIMUM) INSERTION LOSS		1	5	10	30					
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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TOLERANCE EXCEPT AS NOTED
 DECIMAL: .XXX .XX .X ANGLES ± 1°
 ENGLISH: ±.025
 METRIC: ±

MATERIAL: AS SUPPLIED

FINISH:

SCALE: NTS 8-8-86
 DATE: 8-8-86
 DRG. NO.: 2EZP.03
 REV. 03

DESIGNED BY: LJD
 CHECKED BY: CFW

corcom
 LIBERTYVILLE, IL 60048

POWER LINE FILTER

APPROVED BY: *C. West* DATE: 7-10-90 REV: 3