

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
- UL 1283
- CSA CERTIFIED
- CSA 22.2, NO. 0, 0.4, 8
- VDE APPROVED
- VDE 565-3

OPERATING SPECIFICATIONS:

- LINE VOLTAGE/CURRENT:  
2 AMP., 120/250 VAC  
1.5 AMP./40°C, 250 VAC  
50-60Hz
- LINE FREQUENCY:  
MAX. LEAKAGE CURRENT, EACH  
LINE TO GROUND  
.3mA @ 120V 60Hz  
.5mA @ 250V 50Hz
- OPERATING AMBIENT TEMP. RANGE:  
-10°C TO +60°C @ RATED CURRENT, I<sub>r</sub>
- IN AN AMBIENT, T<sub>a</sub>, HIGHER THAN 60°C, THE MAXIMUM OPERATING CURRENT, I<sub>o</sub>, 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)  
6000 MΩ (MIN) AT 100 VDC  
20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

- LINE TO GROUND:  
2250 VDC FOR 1 MINUTE
- LINE TO LINE:  
1450 VDC FOR 1 MINUTE

FILTER APPROVAL:

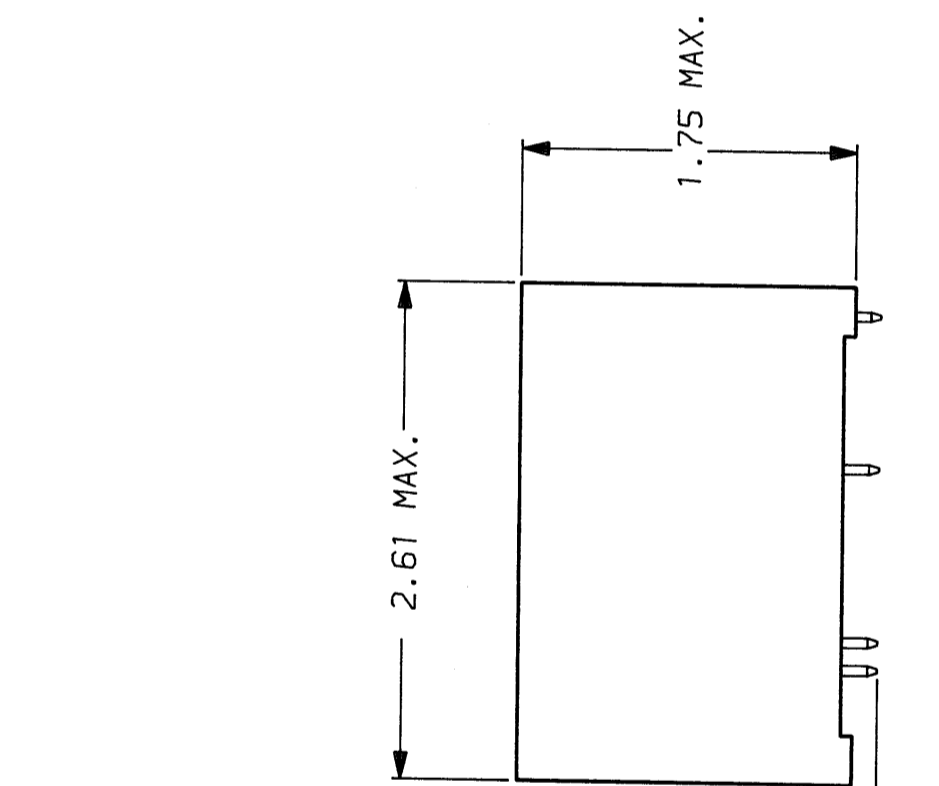
THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.

TOLERANCE EXCEPT AS NOTED

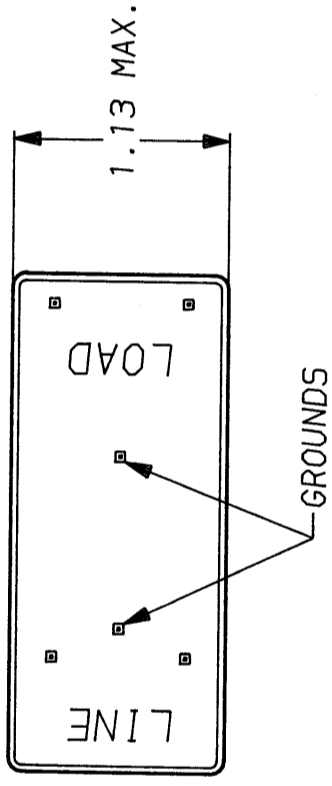
DECIMAL: .XXX .XX .X ANGLES ± 1°  
ENGLISH: ±.025  
METRIC: ±

MATERIAL: AS SUPPLIED

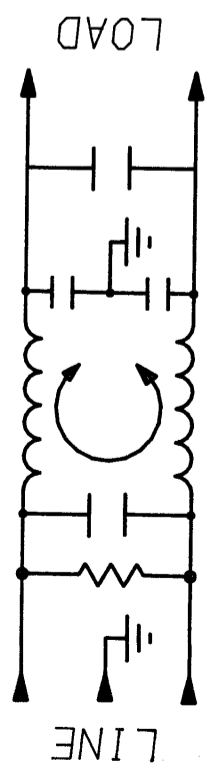
FINISH:



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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**CORCOM**  
LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE	DATE	DRG. NO.	REV.
NTS	8-8-86		2E2P.03
DRN. BY	ORIGINATOR		
LJD	CFW		

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