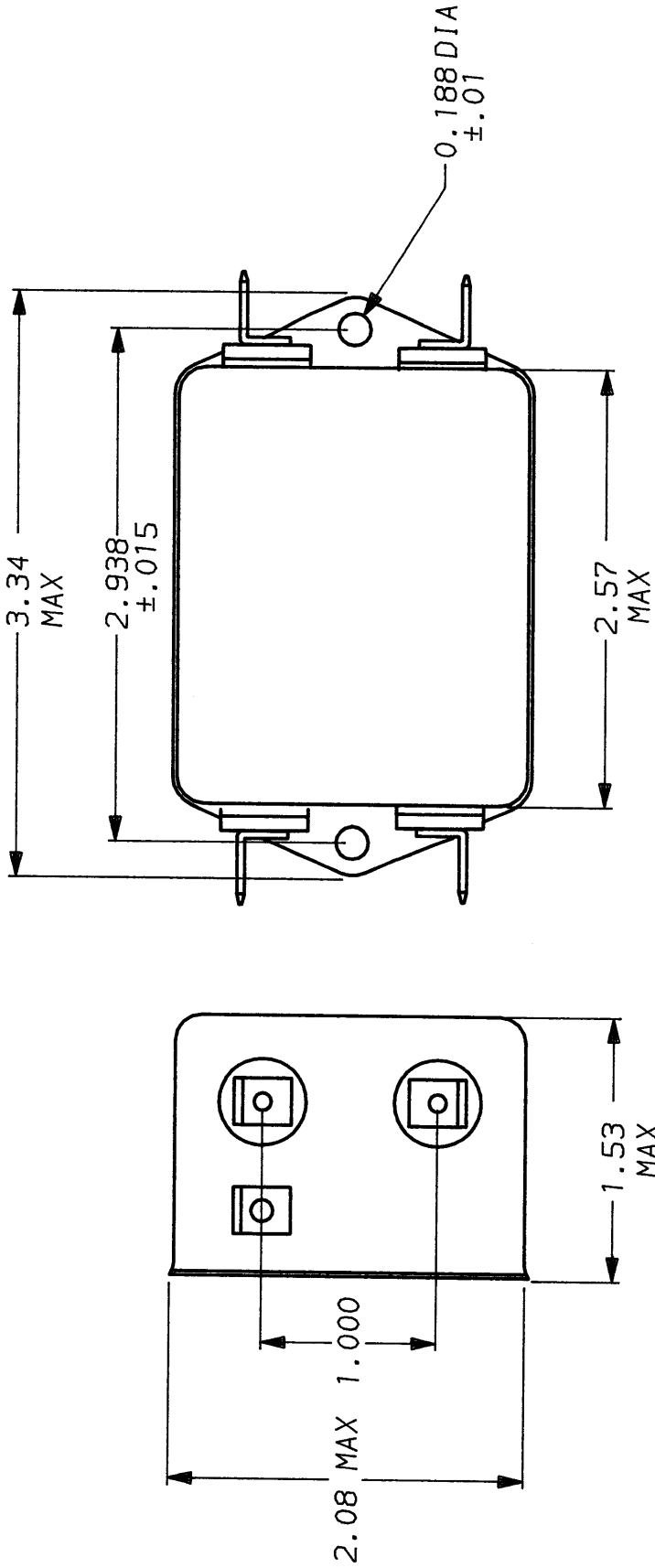


SAFETY ORGANIZATION(S):

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



OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT:

50-60Hz

40°C

0.5mA at 120V 60 Hz

.83 mA at 250V 50 Hz

-10°C TO +40°C @ RATED CURRENT, I_r

IN AN AMBIENT, T_a, HIGHER THAN 40°C, THE MAXIMUM OPERATING

CURRENT, I_o, IS AS FOLLOWS:

$$I_o = I_r \sqrt{\frac{85-T_a}{45}}$$

RELIABILITY SPECIFICATIONS:

STORAGE TEMPERATURE:

-40°C TO +85°C

21 DAYS @ 40°C 95% RH

CURRENT OVERLOAD TEST:

6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE:

1.25 mH NOMINAL

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

.011μF ±20%

.813μF ±20%

330 KΩ

DISCHARGE RESISTOR:

6000 MΩ (MIN) AT 100 VDC

20°C AND 50% RH

LINE/GROUND AND LINE/LINE

INSULATION RESISTANCE

(W/O DISCHARGE RESISTOR)

RECOMMENDED RECEIVING INSPECTION HIPOUT:

LINES TO GROUND:

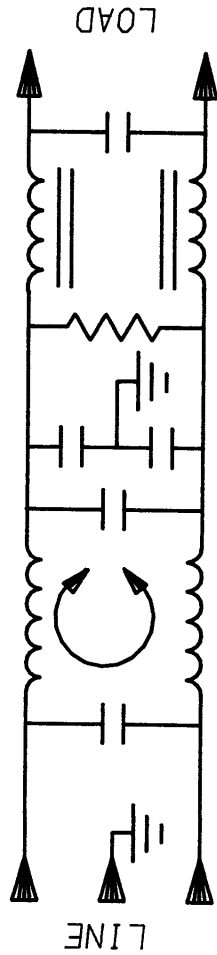
2250 VDC FOR 1 MINUTE

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.



50Ω - 50Ω (MINIMUM) INSERTION LOSS												
FREQUENCY MHz	.15	.5	1	2	5	10	20	30				
COMMON dB	17	30	43	47	55	65	56	48				
DIFF. dB	25	65	65	65	65	60	55	55				

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TOLERANCE EXCEPT AS NOTED

DECIMAL: .XXX .XX .X ANGLES ± 1°

ENGLISH: ±.025

METRIC: ±

MATERIAL:

AS SUPPLIED

AS SUPPLIED

FINISH:

AS SUPPLIED



corcom

LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE DATE DRG. NO. REV.

NTS 7-31-90 10V1.03

CFW ORIGINATOR CFW