

APPROVED BY/DATE
C. Webster 5/26/72

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 565-3

OPERATING SPECIFICATIONS:

- LINE VOLTAGE/CURRENT: 3 AMP., 120/250 VAC
- LINE FREQUENCY: 3 AMP./40°C, 250 VAC 50-60Hz
- MAX. LEAKAGE CURRENT, EACH LINE TO GROUND: .25 mA @ 120V 60 Hz
- OPERATING AMBIENT TEMP. RANGE: .48 mA @ 250V 50 Hz

IN AN AMBIENT, T_0 , HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_0 , IS AS FOLLOWS:

$$I_0 = I_r \sqrt{\frac{85-T_0}{45}}$$

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:

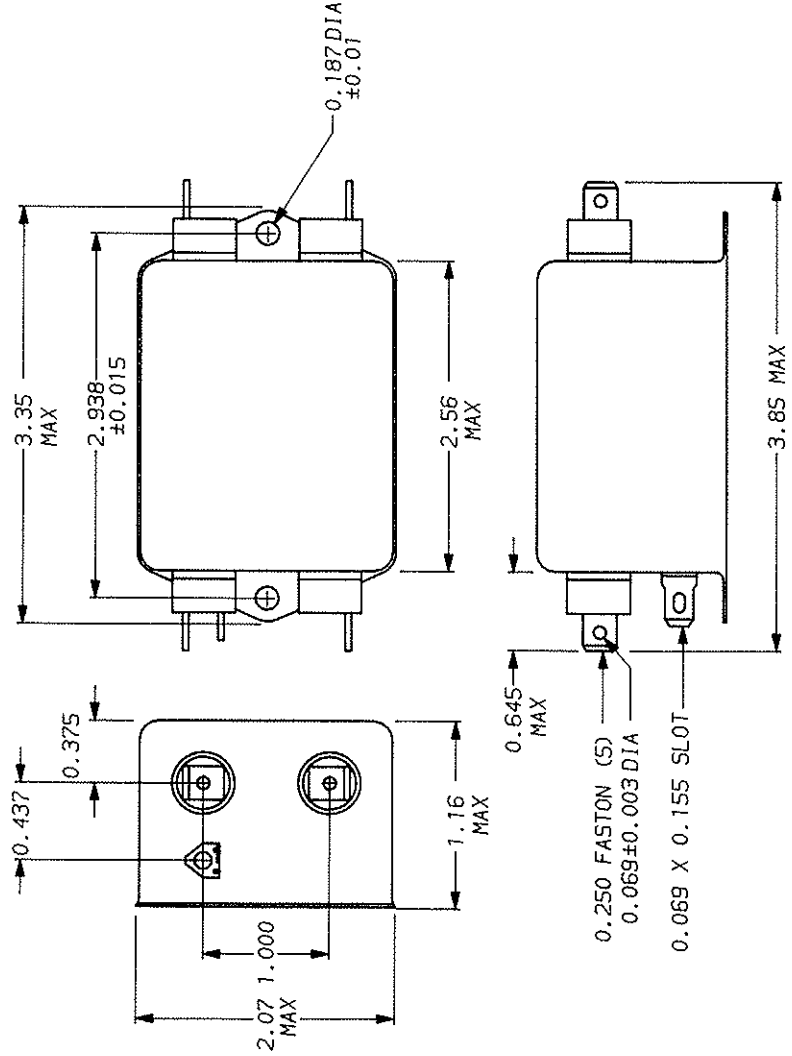
- INDUCTANCE: 1.76 mH NOMINAL
- CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C): .003µF ±20%
- LINE TO GROUND: .003µF ±20%
- LINE TO LINE: 1.08µF ±20%
- DISCHARGE RESISTOR: 330KΩ
- LINE/GROUND AND LINE/LINE INSULATION RESISTANCE: 6000 MΩ (MIN) AT 100 VDC 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

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

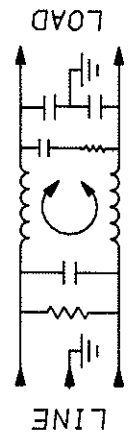
FILTER APPROVAL:

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



FREQUENCY MHz	50Ω - 50Ω (MINIMUM) INSERTION LOSS					
	.15	.5	1	2	5	10 20 30
COMMON	17	31	39	44	47	50 52 52
DIFF.	30	55	65	65	65	62 62 62

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LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE	DATE	REV.
NTS	11-5-90	3EDK1.01
DRW. BY	ORIGINATOR	
CFW	CFW	