

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
- SEV APPROVED
- SEV 1055/TP1977/5.1.1

OPERATING SPECIFICATIONS:

- LINE VOLTAGE/CURRENT:
- 6 AMP., 120/250 VAC
- 5 AMP./40°C, 250 VAC
- 50-60Hz
- 40°C
- LINE FREQUENCY:
- MAX. CASE RISE  $\theta$  RATED CURRENT:
- MAX. LEAKAGE CURRENT, EACH LINE TO GROUND
- .25mA at 120V 60 Hz
- .48 mA at 250V 50 Hz
- OPERATING AMBIENT TEMP. RANGE:
- 10°C TO +40°C  $\theta$  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
- HUMIDITY:
- 21 DAYS  $\theta$  40°C 95% RH
- CURRENT OVERLOAD TEST:
- 6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

- INDUCTANCE:
- 8.73 mH NOMINAL
- CAPACITANCE: (MEASURED  $\theta$  1 KHz, 0.25 VAC MAX., 25°C  $\pm$ 1°C)
- .006 $\mu$ F  $\pm$ 20%
- LINE TO GROUND:
- .54 $\mu$ F  $\pm$ 20%
- DISCHARGE RESISTOR
- 330 K $\Omega$
- LINE/GROUND AND LINE/LINE
- 6000 M $\Omega$  (MIN) AT 100 VDC
- INSULATION RESISTANCE
- 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOUT:

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

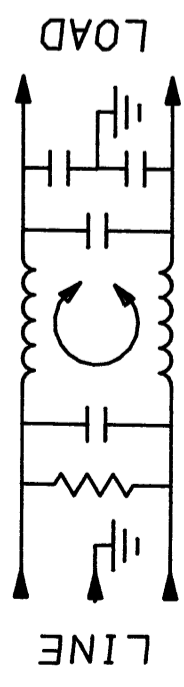
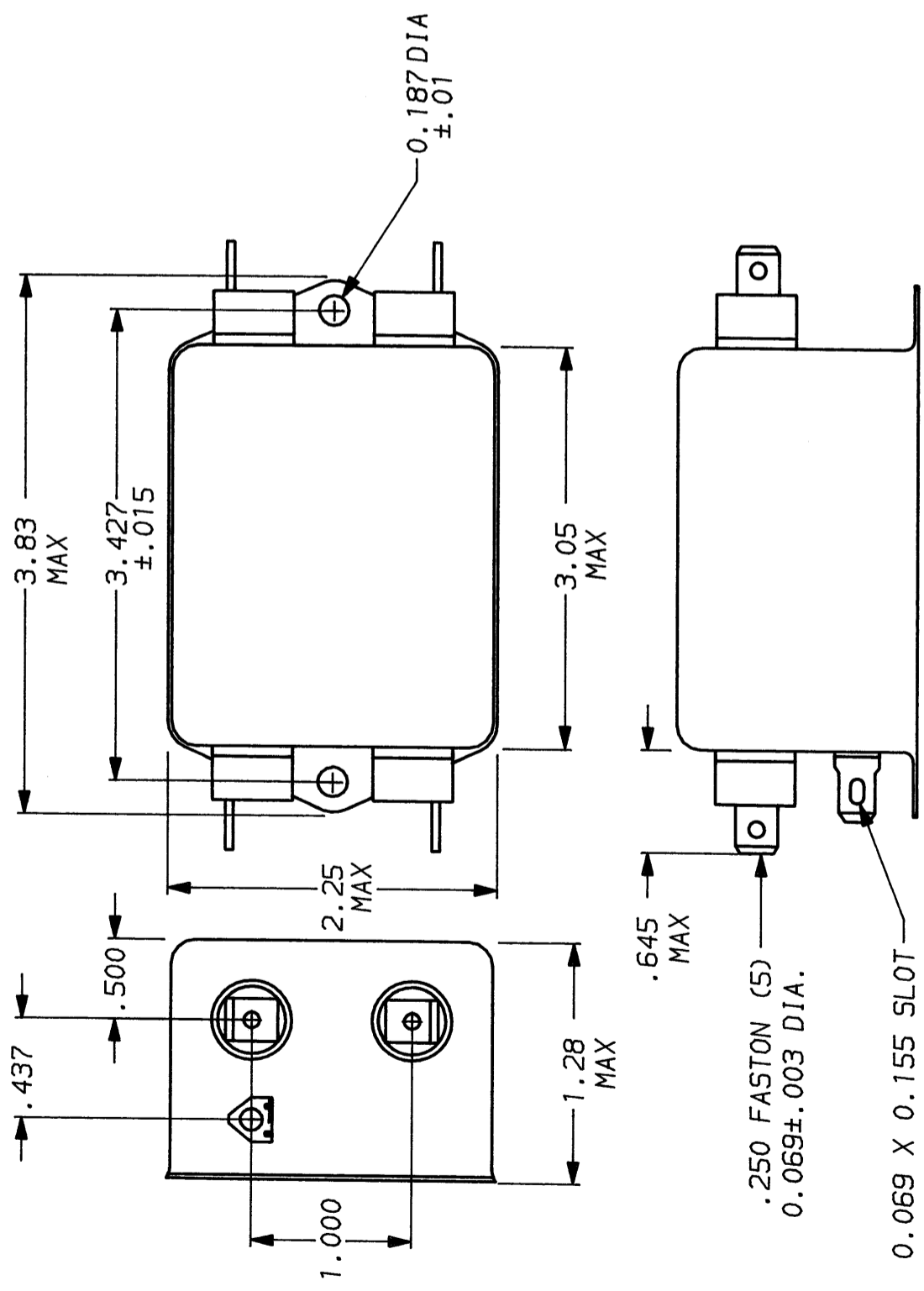
FILTER APPROVAL:

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

50 $\Omega$  - 50 $\Omega$  (MINIMUM) INSERTION LOSS

FREQUENCY MHz	.01	.02	.05	.08	.15	.5	1	5	10	20	30
COMMON dB	7	13	21	25	32	44	45	45	45	38	27
DIFF. dB	1	1	2	3	25	59	65	65	65	50	50

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TOLERANCE EXCEPT AS NOTED

- DECIMAL: .XXX .XX .X ANGLES  $\pm$  1°
- ENGLISH:  $\pm$ .025
- METRIC:  $\pm$  —

MATERIAL:

AS SUPPLIED

FINISH:

AS SUPPLIED



LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE	DATE	DRG. NO.	REV.
NTS	9-12-89	6VSK1	06
DRW. BY	TDL	ORIGINATOR	CW