

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:

- 6 AMP., 120/250 VAC
- 5 AMP./40°C, 250 VAC
- 50-60Hz
- 40°C
- 0.5mA at 120V 60 Hz
- 1.0 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
- HUMIDITY:
- 21 DAYS @ 40°C 95% RH
- CURRENT OVERLOAD TEST:
- 6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

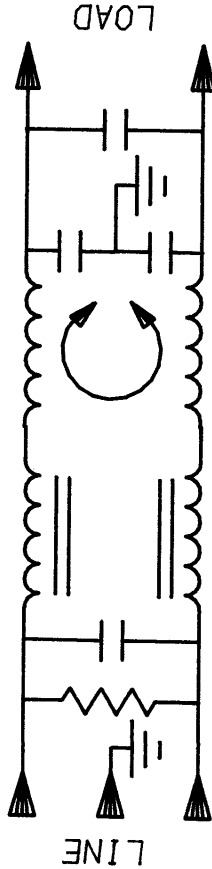
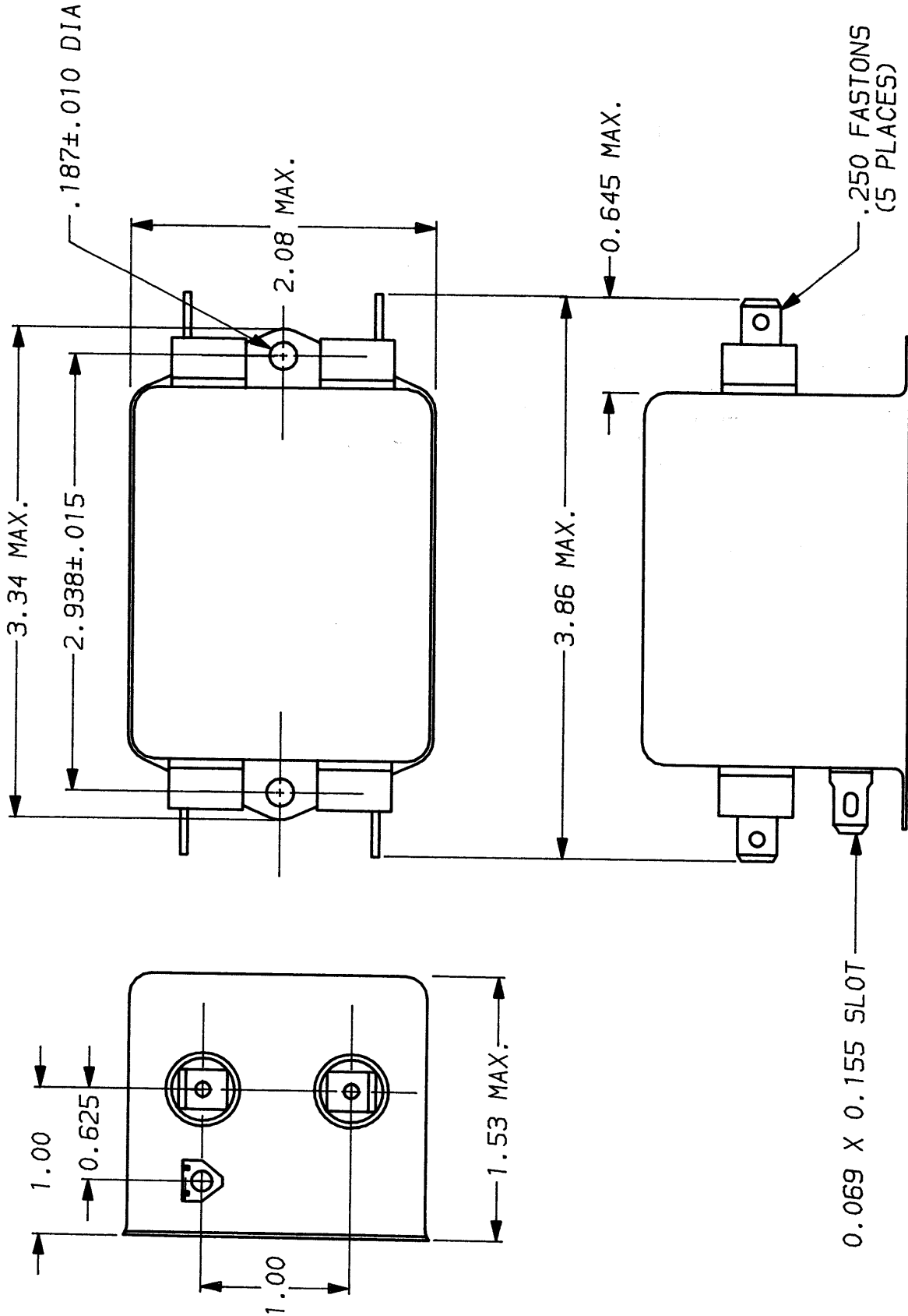
- INDUCTANCE:
- 1.8 mH NOMINAL
- CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
- LINE TO GROUND:
- .011µF ±20%
- LINE TO LINE:
- .543µF ±20%
- DISCHARGE RESISTOR:
- 330 KΩ
- LINE/GROUND AND LINE/LINE
- INSULATION RESISTANCE
- 6000 MΩ (MIN) AT 100 VDC
- (W/O DISCHARGE RESISTOR)
- 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

- 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	18	33	41	45	37	49	49	53			
DIFF. dB	35	65	65	65	60	45	50	50			

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TOLERANCE EXCEPT AS NOTED

DECIMAL: .XXX .XX .X ANGLES ± 1°

ENGLISH: ±.025

METRIC: ±

MATERIAL:

AS SUPPLIED

POWER LINE FILTER

FINISH:
AS SUPPLIED

SCALE	DATE	DRG. NO.	REV.
NTS	9-12-89	6VS1.06	
DRW. BY	ORIGINATOR		
TDL	CW		