

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
- LINE FREQUENCY:
- MAX. CASE RISE θ RATED CURRENT:
- MAX. LEAKAGE CURRENT, EACH
- LINE TO GROUND
- OPERATING AMBIENT TEMP. RANGE:
- 0.5mA at 120V 60 Hz
- 1.2 mA at 250V 50 Hz
- 10°C TO +40°C θ 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:
- HUMIDITY:
- CURRENT OVERLOAD TEST:
- 6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

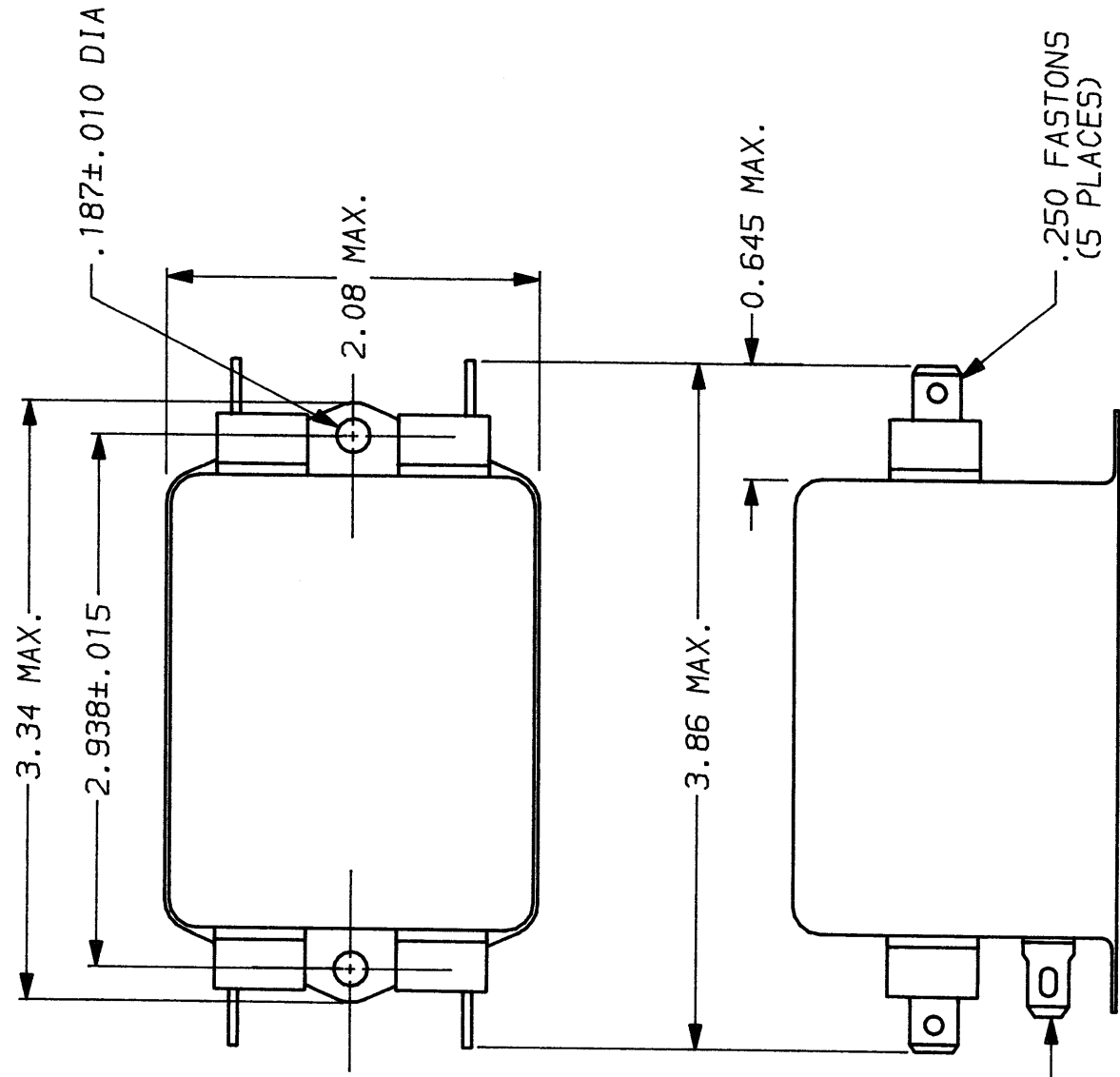
- INDUCTANCE:
- 1.9 mH NOMINAL
- CAPACITANCE: (MEASURED θ 1 KHz, 0.25 VAC MAX., 25°C $\pm$ 1°C)
- LINE TO GROUND:
- LINE TO LINE:
- DISCHARGE RESISTOR:
- 330 K Ω
- LINE/GROUND AND LINE/LINE
- INSULATION RESISTANCE
- 6000 M Ω (MIN) AT 100 VDC
- (W/O DISCHARGE RESISTOR)
- 20°C AND 50% RH

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.



50 Ω - 50 Ω (MINIMUM) INSERTION LOSS												
FREQUENCY MHz	.15	.2	.5	1	2	5	10	20	30			
COMMON dB	20	22	30	45	60	65	65	61	54			
DIFF. dB	30	46	65	65	65	60	55	38	38			

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CORCOM

LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE

DATE

DRG. NO.

REV.

NTS

9-12-89

6VW1.07

DRW. BY

ORIGINATOR

TDL

CW

