

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:

- 20 AMP., 120/250 VAC
- 16 AMP./40°C, 250 VAC
- 50-60Hz
- 40°C

LINE FREQUENCY:

MAX. CASE RISE @ RATED CURRENT:

MAX. LEAKAGE CURRENT, EACH

LINE TO GROUND

OPERATING AMBIENT TEMP. RANGE:

- 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:

HUMIDITY:

CURRENT OVERLOAD TEST:

- 40°C TO +85°C
- 21 DAYS @ 40°C 95% RH
- 6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE:

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

LINE TO GROUND:

LINE TO LINE:

DISCHARGE RESISTOR:

LINE/GROUND AND LINE/LINE

INSULATION RESISTANCE

(W/O DISCHARGE RESISTOR)

- .96 mH NOMINAL
- .011µF ±20%
- .813µF ±20%
- 330 KΩ
- 6000 MΩ (MIN) AT 100 VDC
- 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

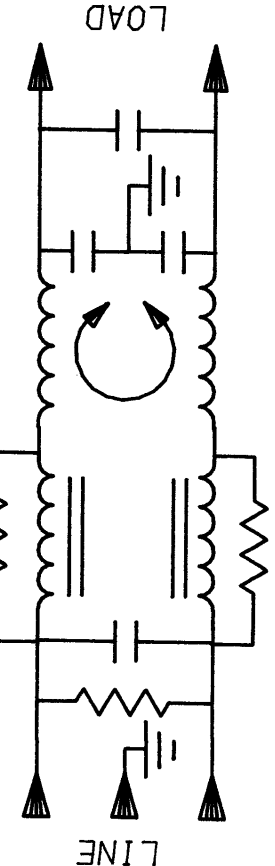
LINES TO GROUND:

LINE TO LINE:

- 2250 VDC FOR 1 MINUTE
- 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	15	30	38	38	32	43	42	40			
DIFF. dB	40	65	65	65	65	50	48	48			

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CORCOM

LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE: NTS

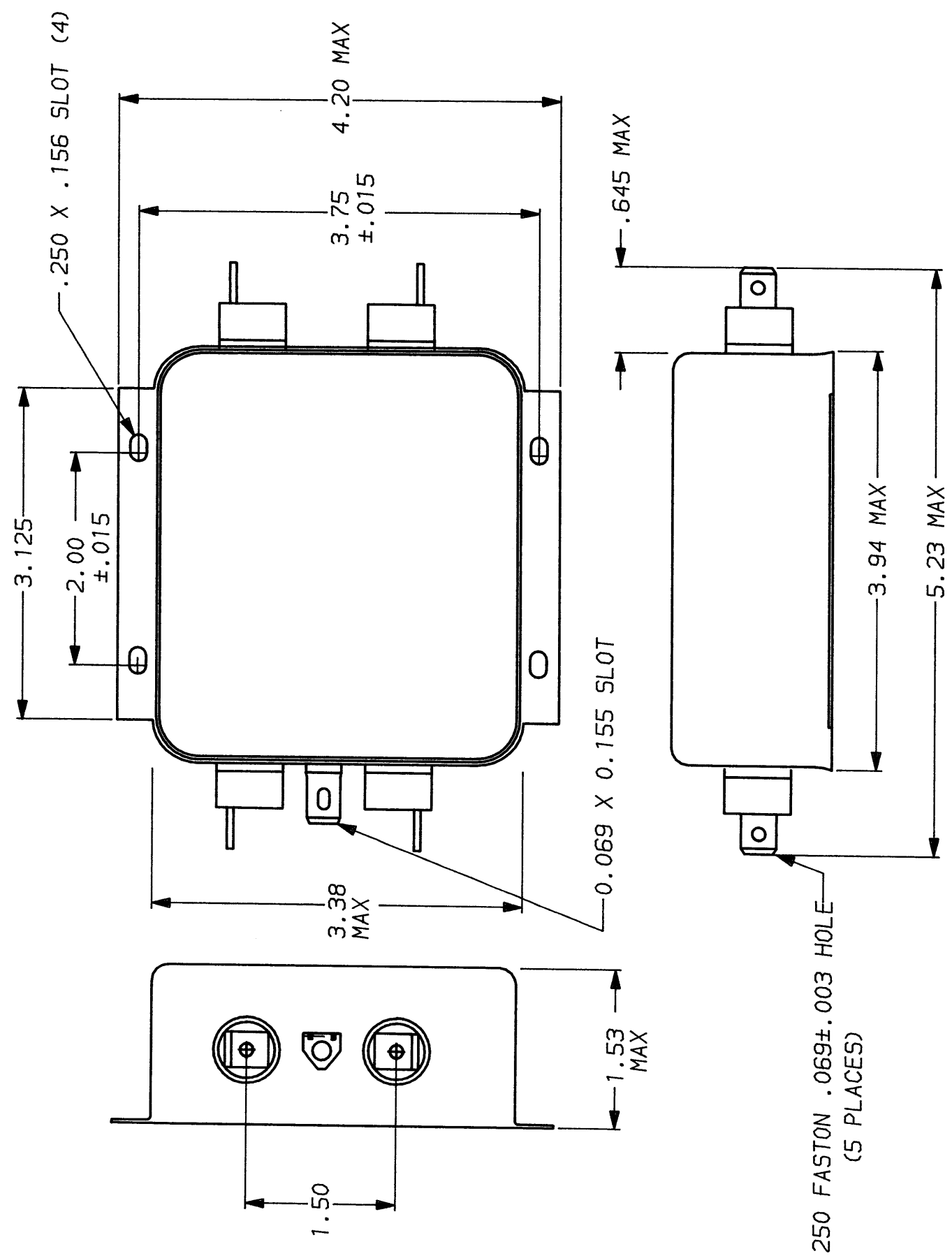
DATE: 9-12-89

DRW. BY: TDL

ORIGINATOR: CW

DRG. NO.: 20VS1.07

REV.: 07



.250 FASTON .069±.003 HOLE (5 PLACES)