

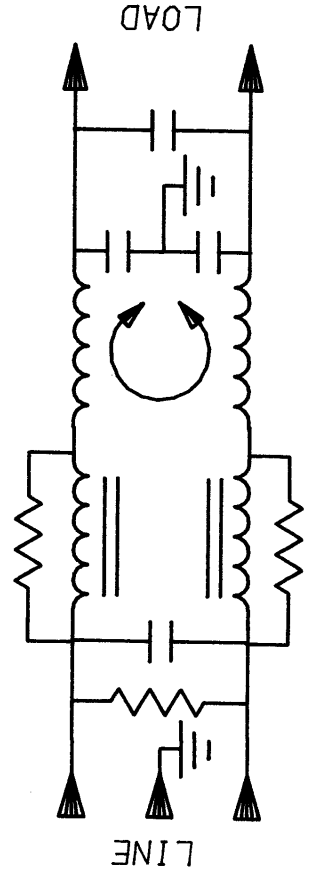
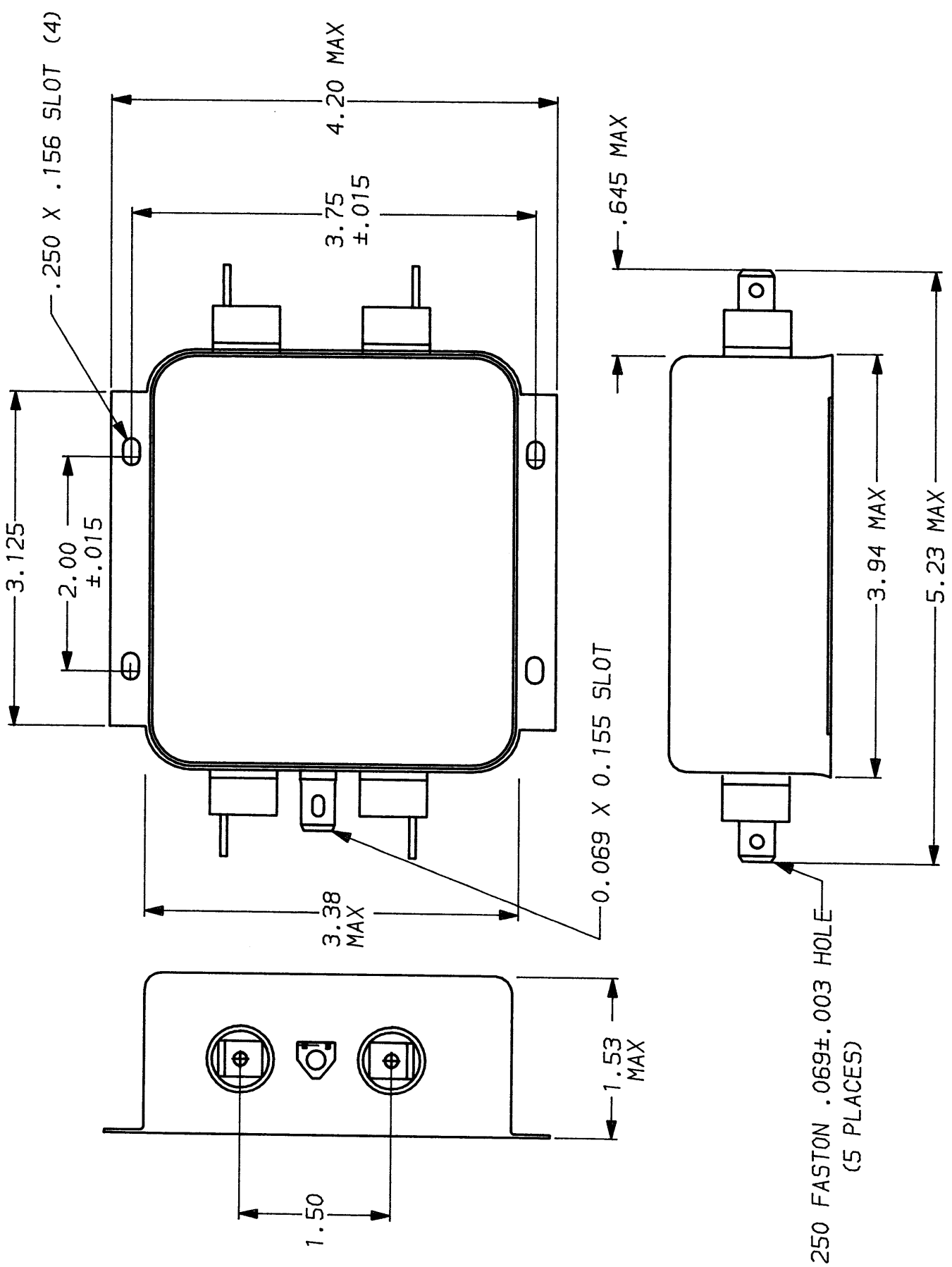
SAFETY ORGANIZATION(S):

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
 - 0.5mA at 120V 60 Hz
 - 1.0 mA at 250V 50 Hz
 - 10°C TO +40°C @ RATED CURRENT, I_r
- LINE FREQUENCY:
 - MAX. CASE RISE @ RATED CURRENT:
 - MAX. LEAKAGE CURRENT, EACH LINE TO GROUND
 - OPERATING AMBIENT TEMP. RANGE:
- 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:
 - .96 mH NOMINAL
 - CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
 - LINE TO GROUND: .011µF ±20%
 - LINE TO LINE: .813µF ±20%
 - DISCHARGE RESISTOR:
 - 330 KΩ
 - LINE/GROUND AND LINE/LINE INSULATION RESISTANCE (W/O DISCHARGE RESISTOR)
 - 6000 MΩ (MIN) AT 100 VDC
 - 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	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 9-12-89

DATE: 9-12-89

DRG. NO.: 20VS1.07

REV.: 07

FINISH: AS SUPPLIED

TOLERANCE EXCEPT AS NOTED:
DECIMAL: .XXX .XX .X ANGLES ± 1°
ENGLISH: ±.025
METRIC: ±
MATERIAL: AS SUPPLIED