

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

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: .99 mH NOMINAL
 CAPACITANCE (MEASURED @ 1 KHz, 0.25VAC MAX., 25°C±1°C)
 LINE TO GROUND: .011 µF ±20%
 LINE TO LINE: .813 µF ±20%
 DISCHARGE RESISTOR: 330K Ω

LINE/GROUND AND LINE/LINE: 6000M Ω (MIN) AT 100VDC
 INSULATION RESISTANCE: 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.

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT: 20 AMP, 120/250 VAC

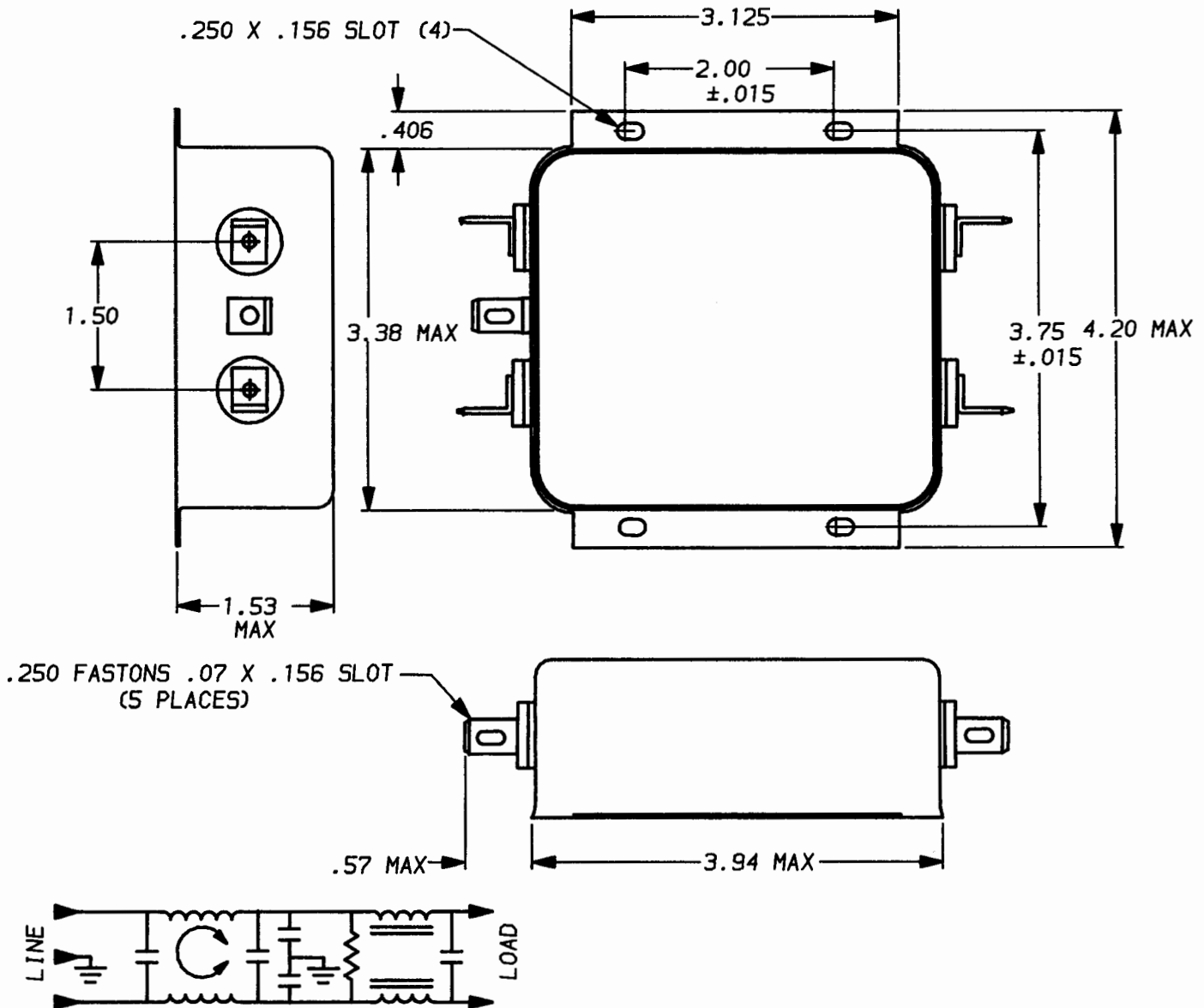
LINE FREQUENCY: 50-60Hz

MAX. LEAKAGE CURRENT, EACH:
 LINE TO GROUND: 0.5 mA AT 120V 60Hz
 .83 mA at 250V 50Hz

OPERATING AMBIENT TEMP. RANGE: -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:

$$I_o = I_r \sqrt{\frac{85 - T_a}{45}}$$



| 50 Ω - 50 Ω (MINIMUM) INSERTION LOSS | | | | | | | | | | |
|--|-----|----|----|----|----|----|----|----|--|--|
| FREQUENCY MHz | .15 | .5 | 1 | 2 | 5 | 10 | 20 | 30 | | |
| COMMON dB | 15 | 30 | 41 | 48 | 60 | 46 | 36 | 30 | | |
| DIFF. dB | 30 | 65 | 65 | 65 | 65 | 60 | 57 | 55 | | |

UNLESS OTHERWISE SPECIFIED, TOLERANCE TO BE ±.025
 MATERIAL & FINISH: AS SUPPLIED
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corcom
 LIBERTYVILLE, IL 60048
POWER LINE FILTER
 DATE: 4-18-94
 APPROVD. LEO
 CATALOG NO. 20V1.04
 CAD NO. 20V1.04