

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
 CSA CERTIFIED CSA 22.2, NO.0,0.4,8
 VDE APPROVED VDE 565-3

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT: 3 AMP, 120/250 VAC
 3 AMP./40°C, 250 VAC
 LINE FREQUENCY: 50-60Hz

MAX. LEAKAGE CURRENT, EACH: .5 mA AT 120V 60HzD
 LINE TO GROUND, .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:

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

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: 3.52 mH NOMINAL
 CAPACITANCE: (MEASURED @ 1 KHz, 0.25VAC MAX., 25°C±1°C)
 LINE TO GROUND: .011 µF ±20%
 LINE TO LINE: .303 µF ±20%
 DISCHARGE RESISTOR: 680KΩ

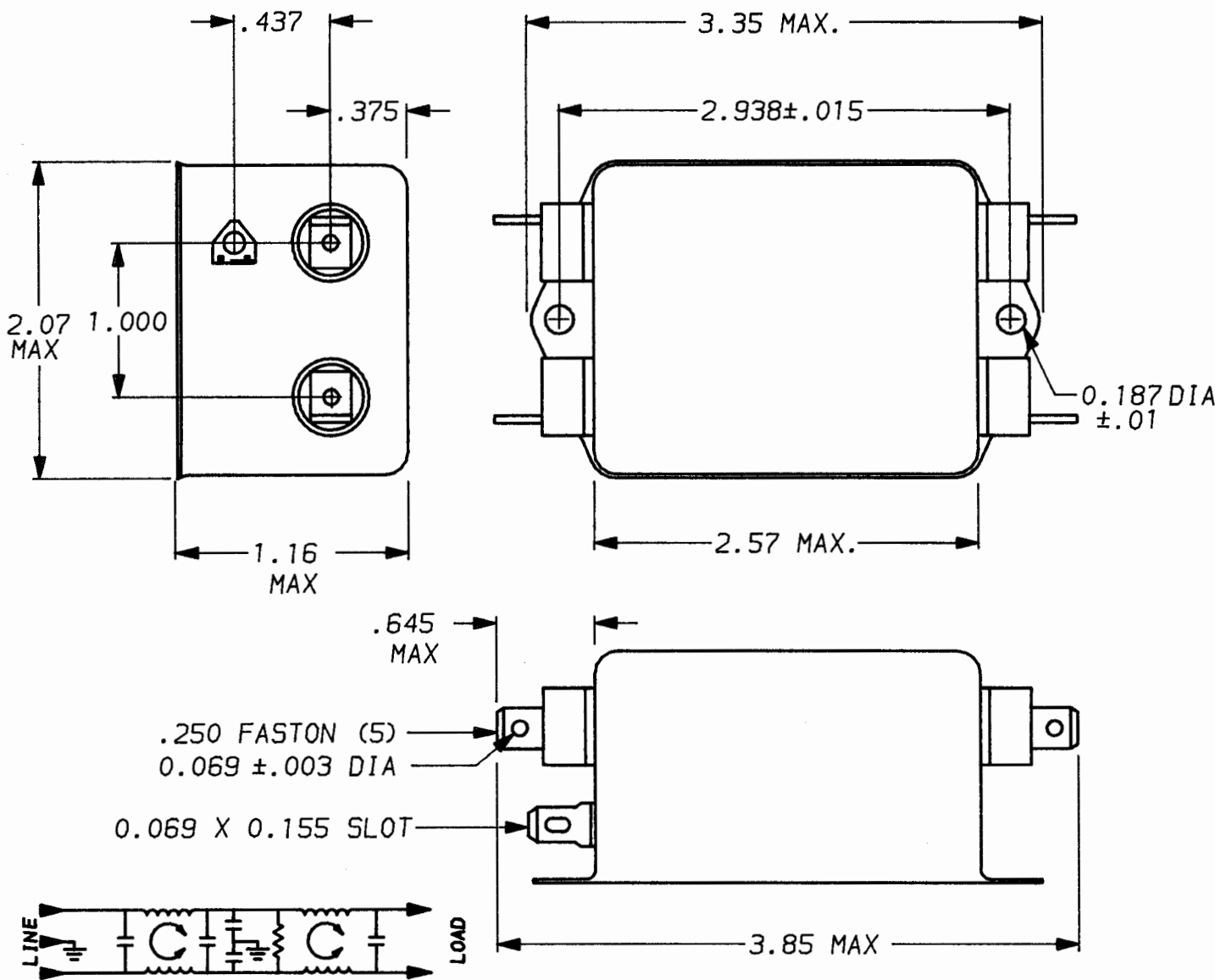
LINE/GROUND AND LINE/LINE: 6000Ω (MIN) AT 100VDC
 INSULATION RESISTANCE: 20°C AND 50% RH

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.



50Ω - 50Ω (MINIMUM) INSERTION LOSS

| FREQUENCY MHz | .15 | .3 | .5 | 1 | 2 | 5 | 10 | 20 | 30 | / | / | / |
|---------------|-----|----|----|----|----|----|----|----|----|---|---|---|
| COMMON dB | 40 | 54 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | / | / | / |
| DIFF. dB | 2 | 8 | 55 | 65 | 65 | 65 | 65 | 65 | 65 | / | / | / |

UNLESS OTHERWISE SPECIFIED, TOLERANCE TO BE ±.025
 MATERIAL & FINISH: AS SUPPLIED
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corcom
 LIBERTYVILLE, IL 60048
POWER LINE FILTER
 DATE: 9-16-93 CATALOG NO.
 APPROV. TAM 3VR1
 CAD NO. 3VR1.07

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