

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
 CSA CERTIFIED
 VDE APPROVED
 SEV APPROVED

UL 1283
 CSA 22.2, NO.0,0.4,8
 VDE 565-3
 SEV 1055/TP1977/5.1.1

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT: 6 AMP, 120/250 VAC
 5 AMP./40°C, 250 VAC
 LINE FREQUENCY: 50-60Hz
 MAX. LEAKAGE CURRENT, EACH: .30 mA AT 120V 60Hz
 LINE TO GROUND: .50 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:

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

| REV | DESCRIPTION | DATE | DR | APD |
|-----|---------------|---------|----|-----|
| E1 | ECO-09-026495 | 10DEC09 | KK | AEQ |

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:

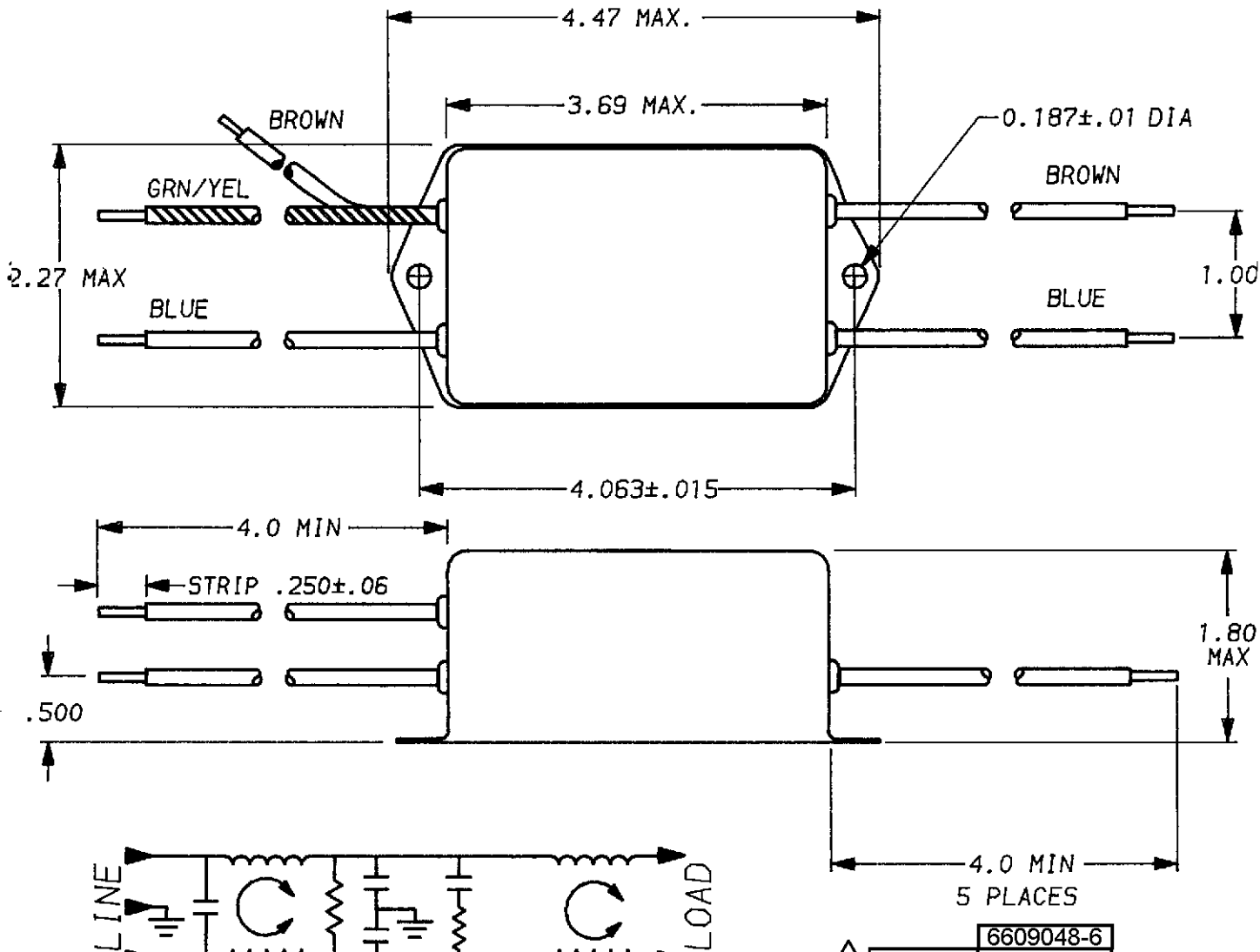
INDUCTANCE: 48.8 mH NOMINAL
 CAPACITANCE, (MEASURED @ 1 KHz, 0.25VAC MAX., 25°C±1°C)
 LINE TO GROUND: .008 μF ±20%
 LINE TO LINE: 1.97 μF ±20%
 DISCHARGE RESISTOR: 165K±
 LINE/GROUND AND LINE/LINE, 5000MΩ (MIN) AT 100VDC
 INSULATION RESISTANCE, 20°C AND 50% RH

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.

1 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI



6609048-6
 1 OBSOLETE 4609048-6

50n - 50n (MINIMUM) INSERTION LOSS

| FREQUENCY MHz | .01 | .015 | .02 | .05 | .15 | .5 | 2 | 5 | 7 | 10 | 20 | 30 |
|---------------|-----|------|-----|-----|-----|----|----|----|----|----|----|----|
| COMMON dB | 26 | 28 | 31 | 20 | 68 | 72 | 72 | 68 | 55 | 55 | 50 | 45 |
| DIFF. dB | 6 | 4 | 10 | 43 | 70 | 75 | 75 | 65 | 52 | 55 | 55 | 55 |

UNLESS OTHERWISE SPECIFIED, TOLERANCE TO BE ±.025
 MATERIAL & FINISH: AS SUPPLIED
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corcom
 LIBERTYVILLE, IL 60048
POWER LINE FILTER
 DATE: 9-29-93 CATALOG NO.
 APPROVED: [Signature] **6EQ3**
 CAD NO.: **6EQ3.04**