

3EHT3

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 PENDING

UL 544
CSA 22.2, NO.0,0.4,8
VDE 0585-3

OPERATING SPECIFICATIONS:

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

MAX. LEAKAGE CURRENT, EACH: 3 µA at 120V 60Hz
LINE TO GROUND: 5 µA 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:

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

| DESCRIPTION | DATE | DR | APRD | REV |
|---------------|---------|----|------|-----|
| ECO-09-026495 | 18DEC09 | KK | AEG | B1 |

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: 36.8 mH NOMINAL
CAPACITANCE: (MEASURED @ 1 KHz, 0.25VAC MAX., 25°C±1°C)
LINE TO LINE: .94 µF ±20%
DISCHARGE RESISTOR: 330KΩ

LINE/GROUND AND LINE/LINE: 600MΩ (MIN) AT 100VDC
INSULATION RESISTANCE: 20°C AND 50% RH

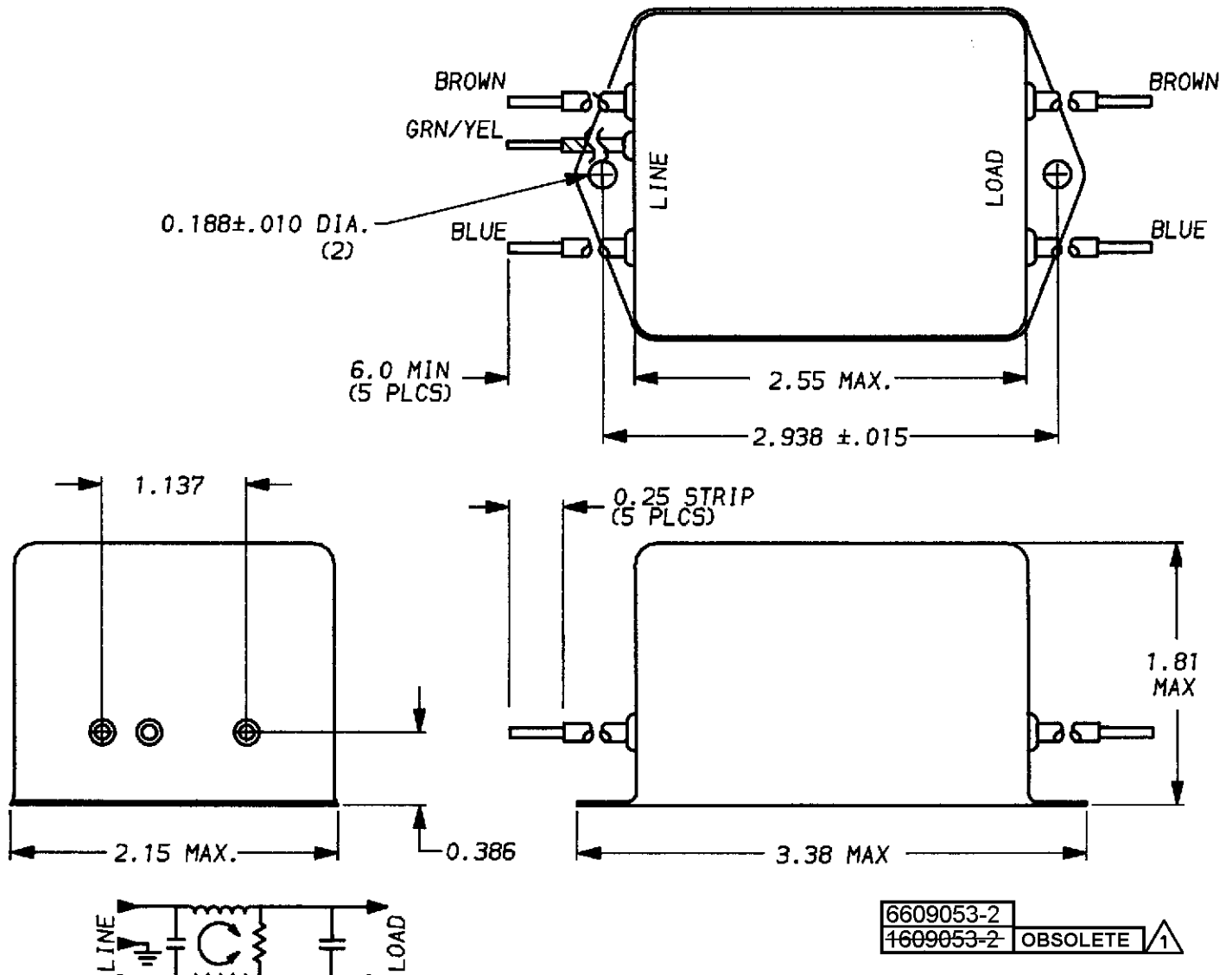
RECOMMENDED RECEIVING INSPECTION HIPOT:

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.

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



6609053-2
1609053-2 OBSOLETE ⚠️

50_n - 50_n (MINIMUM) INSERTION LOSS

| FREQUENCY MHz | .01 | .03 | .05 | .15 | .5 | 1 | 2 | 5 | 8 | 10 | 20 | 30 |
|---------------|-----|-----|-----|-----|----|----|----|----|----|----|----|----|
| COMMON dB | 22 | 32 | 36 | 49 | 46 | 40 | 30 | 22 | 20 | 12 | 12 | 12 |
| DIFF. dB | 3 | 1 | 30 | 61 | 70 | 65 | 55 | 48 | 40 | 40 | 32 | 32 |

UNLESS OTHERWISE SPECIFIED, TOLERANCE TO BE ±.025
MATERIAL & FINISH: AS SUPPLIED
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corcom
LIBERTYVILLE, IL 60048

POWER LINE FILTER

DATE: 10-4-93 CATALOG NO.
APPRD. TAM 3EHT3
CAD NO. 3EHT3_01