

**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<sub>r</sub>

IN AN AMBIENT, T<sub>a</sub>, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I<sub>o</sub>, 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: 6000MΩ (MIN) AT 100VDC  
INSULATION RESISTANCE: 20°C AND 50% RH

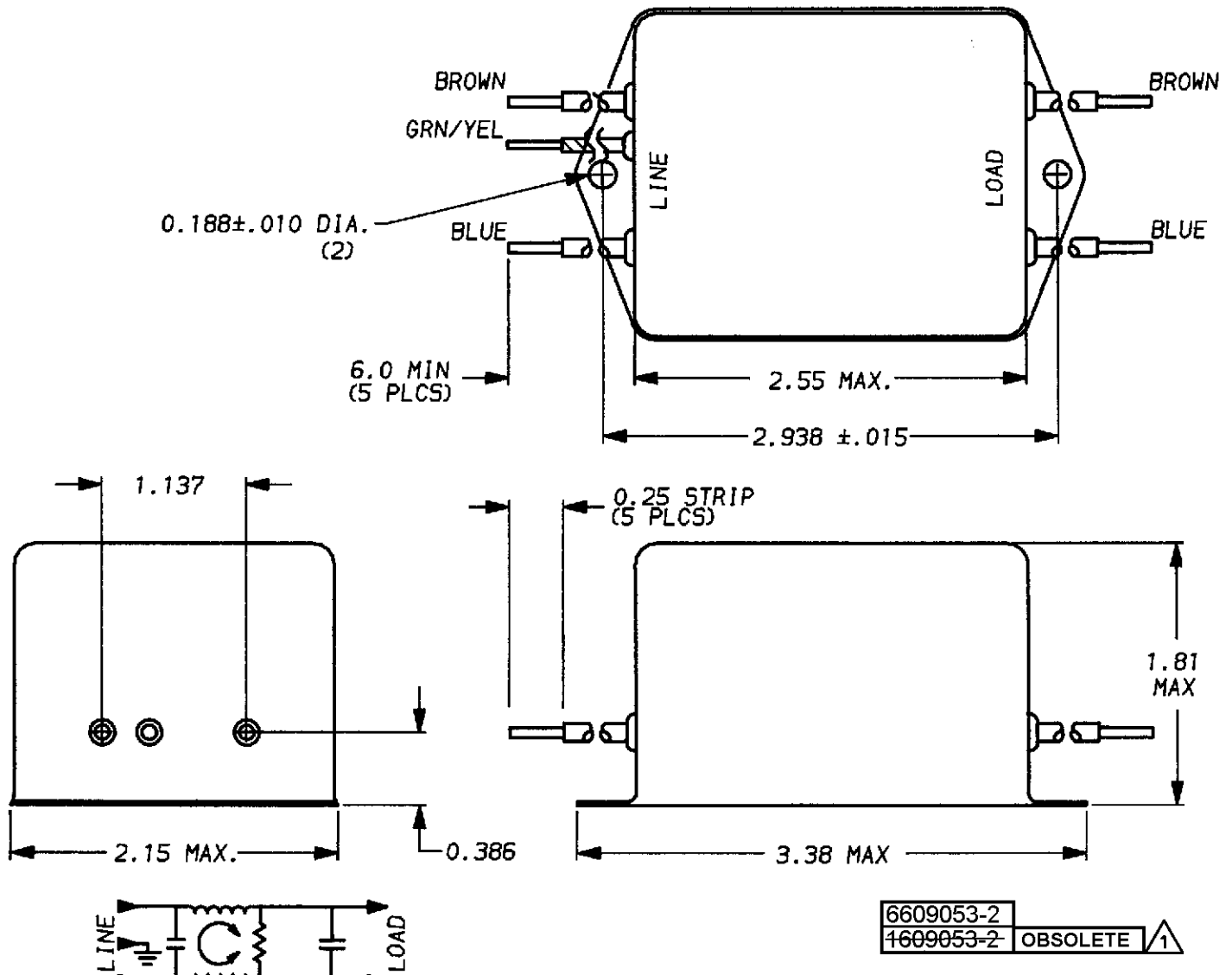
**RECOMMENDED RECEIVING INSPECTION HIPOT:**

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



6609053-2  
1609053-2 OBSOLETE **1**

**50<sub>n</sub> - 50<sub>n</sub> (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  
This document is proprietary to CORCOM INC. and is not to be reproduced nor used for manufacturing purposes except on CORCOM'S prior written consent.

**corcom**  
LIBERTYVILLE, IL 60048

**POWER LINE FILTER**

DATE: 10-4-93 CATALOG NO.  
APPRD. TAM **3EHT3**  
CAD NO. **3EHT3\_01**