

DESCRIPTION	APPROVED BY	DATE	REV
ECO-09-026495	C. Westbury	5-21-92	7
	AEG	10DEC09	8

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: 3.0 AMP., 120/250 VAC
 2.5 AMP./40°C, 250 VAC
 50-60Hz
LINE FREQUENCY: 40°C
MAX. CASE RISE @ RATED CURRENT: 0.5mA at 120V 60 Hz
MAX. LEAKAGE CURRENT, EACH 1.0 mA at 250V 50 Hz
LINE TO GROUND
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

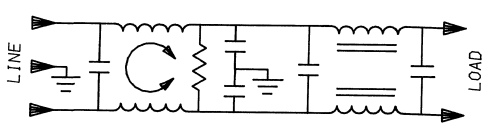
TEST SPECIFICATIONS:
INDUCTANCE: 1.03 mH NOMINAL
CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
 LINE TO GROUND: .011µF ±20%
 LINE TO LINE: .813µF ±20%
DISCHARGE RESISTOR: 330 KΩ
LINE/GROUND AND LINE/LINE 6000 MΩ (MIN) AT 100 VDC
INSULATION RESISTANCE (W/O DISCHARGE RESISTOR) 20°C AND 50% 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

1609043-1 OBSOLETE ⚠
 6609043-1



50Ω - 50Ω (MINIMUM) INSERTION LOSS										
FREQUENCY MHz	.15	.3	.5	1	2	5	10	20	30	
COMMON dB	15	22	27	38	48	60	65	65	65	
DIFF. dB	25	42	65	65	63	60	52	50	50	

This document is proprietary to CORCOM INC. and is not to be reproduced nor used for manufacturing purposes except on CORCOM's order or prior written consent.

TOLERANCE EXCEPT AS NOTED
 DECIMAL: .XXX .XX .X ANGLES ± 1°
 ENGLISH: ±.025
 METRIC: ±
MATERIAL: AS SUPPLIED
FINISH: AS SUPPLIED

corcom
 LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE: NTS DATE: 9-12-89 DRG. NO.:
 DRW. BY: TDL ORIGINATOR: CW 3VV1 REV.: 8