

10EH3

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

UL 544
CSA 22.2, NO.0,0.4,8
VDE 565-3

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT: 10 AMP, 120/250 VAC
10 AMP./40°C, 250 VAC

LINE FREQUENCY: 50-60Hz
MAX. CASE RISE @ RATED CURRENT, 30°C
MAX. LEAKAGE CURRENT, EACH: 2µA AT 120V 60Hz
LINE TO GROUND: 5µA 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: 0.36mH NOMINAL
CAPACITANCE: (MEASURED @ 1 KHz, 0.25VAC MAX., 25°C±1°C)

LINE TO LINE: .01µF ±20%
DISCHARGE RESISTOR: 1.5MΩ

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

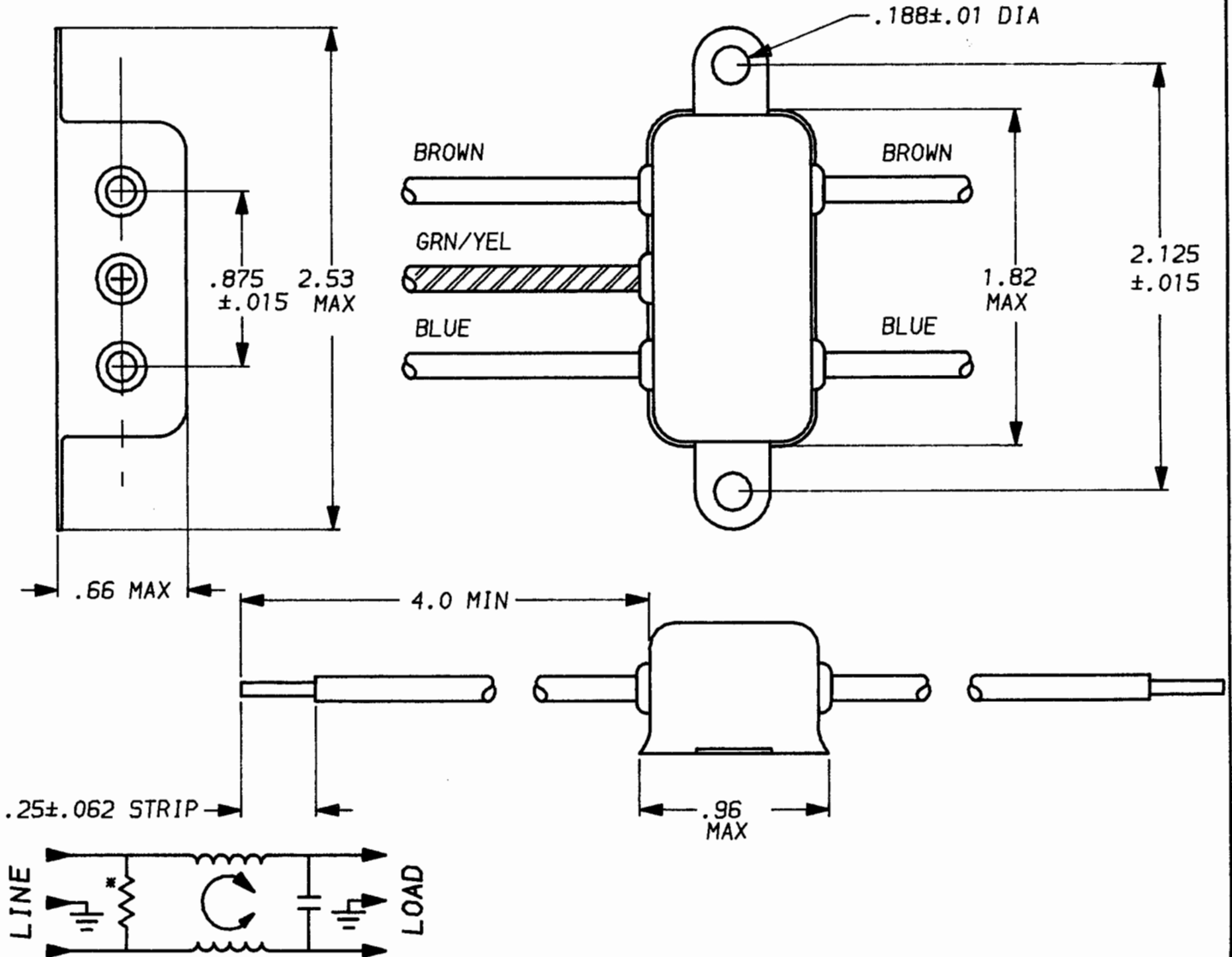
RECOMMENDED RECEIVING INSPECTION HIPOT:

LINES TO GROUND: 1500 VAC 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.

ECN#	APPROVED	DATE	REV
10847	TAM	10/10/94	1



*RESISTOR ADDED TO PRODUCT BUILT AFTER 3-30-92 (9212)

50Ω - 50Ω (MINIMUM) INSERTION LOSS								UNLESS OTHERWISE SPECIFIED, TOLERANCE TO BE ±.025		CORCOM LIBERTYVILLE, IL 60048	
FREQUENCY MHz	.15	.50	1.0	5.0	10	20	30	MATERIAL & FINISH: AS SUPPLIED		POWER LINE FILTER	
COMMON dB	7	13	15	17	16	15	14	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.		DATE: 10-4-94	CATALOG NO. 10EH3
DIFF. dB										APPRVD.	REV. 01