

C. Westcott 5-13-92
APPROVED BY/DATE

REV / NO

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 544
- CSA 22.2, NO.0.0.4, 8
- VDE 565-3, 625
- SEV 1055/TP1977/5.1.1

OPERATING SPECIFICATIONS:

- LINE VOLTAGE/CURRENT, 6 AMP., 120/250 VAC
- LINE FREQUENCY, 50-60Hz
- MAX. CASE RISE θ RATED CURRENT, 40°C
- MAX. LEAKAGE CURRENT, EACH 2 μ A at 120V 60 Hz
- LINE TO GROUND 5 μ A at 250V 50 Hz
- OPERATING AMBIENT TEMP. RANGE: -10°C TO +40°C θ 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:

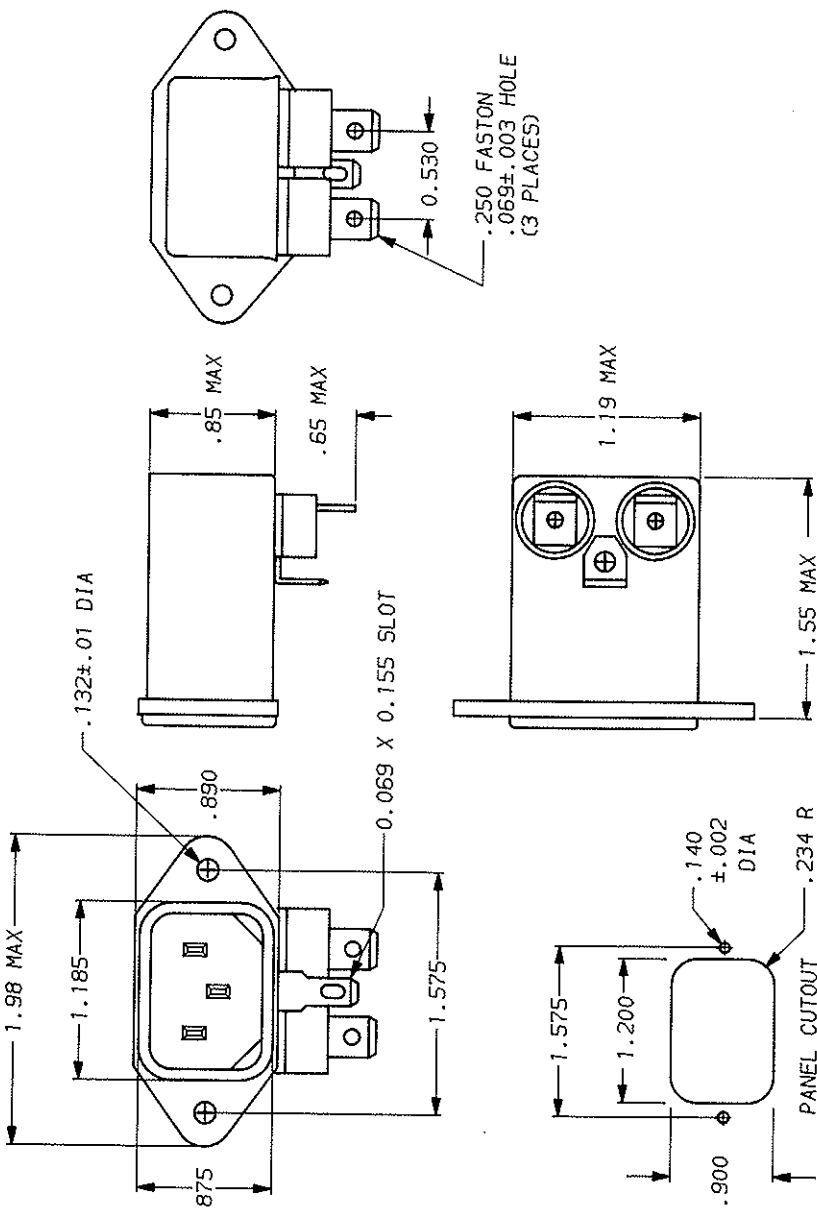
- STORAGE TEMPERATURE, -40°C TO +85°C
- HUMIDITY, 21 DAYS @ 40°C 95% RH
- CURRENT OVERLOAD TEST, 6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

- INDUCTANCE, .465 mH NOMINAL
- CAPACITANCE, (MEASURED @ 1 KHZ, 0.25 VAC MAX., 25°C \pm 1°C) LINE TO LINE, .01 μ F \pm 20%
- DISCHARGE RESISTOR, 1.5 M Ω
- LINE/GROUND AND LINE/LINE 6000 M Ω (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.



50 ω - 50 ω (MINIMUM) INSERTION LOSS										
FREQUENCY	.15	.2	.5	1	1.010	20	30			
COMMON	9	11	16	20	23	20	18			
dB										

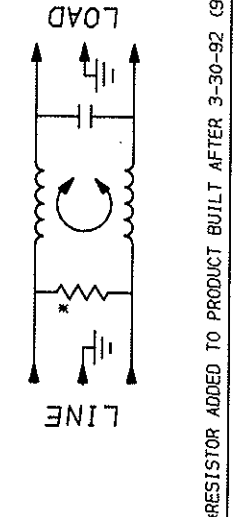
This document is proprietary to CORCOM INC. and is not to be reproduced nor used for manufacturing purposes except on CORCOM's order or prior written consent.

TOLERANCE EXCEPT AS NOTED
DECIMAL: .XXX .XX .X ANGLES \pm 1°
ENGLISH: \pm .015
METRIC: \pm _____
MATERIAL: AS SUPPLIED
FINISH: AS SUPPLIED

SCALE: NTS 9-12-89
DATE: 9-12-89
REV. NO. 6EHS.10
ORIGINATOR: CH
IDR. BY: TDL

corcom
LIBERTYVILLE, IL 60048

POWER LINE FILTER



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