

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 544  
 CSA 22-2, NO.0,0,4,B  
 VDE 0565-3, 0625

OPERATING SPECIFICATIONS.  
 LINE VOLTAGE/CURRENT,

1 AMP., 120/250 VAC  
 1 AMP./40°C, 250 VAC  
 50-60Hz  
 30°C

LINE FREQUENCY,  
 MAX. CASE RISE RATED CURRENT,  
 MAX. LEAKAGE CURRENT, EACH  
 LINE TO GROUND  
 OPERATING AMBIENT TEMP. RANGE,  
 IN AN AMBIENT,  $I_o$ , HIGHER THAN 40°C, THE MAXIMUM OPERATING  
 CURRENT,  $I_o$ , IS AS FOLLOWS,

2µA at 120V 60 Hz  
 5µA at 250V 50 Hz  
 -10°C TO +40°C RATED CURRENT,  $I_r$

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

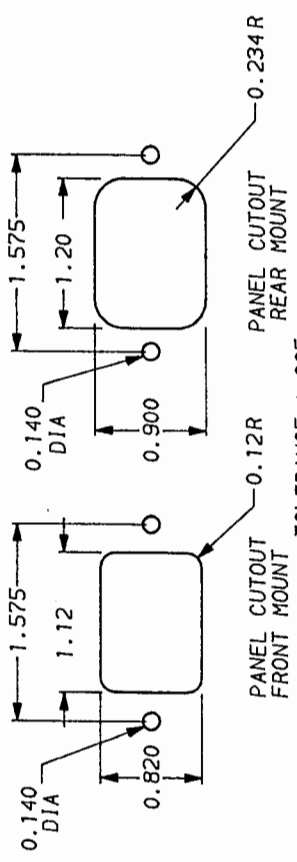
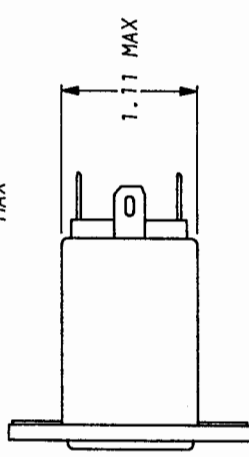
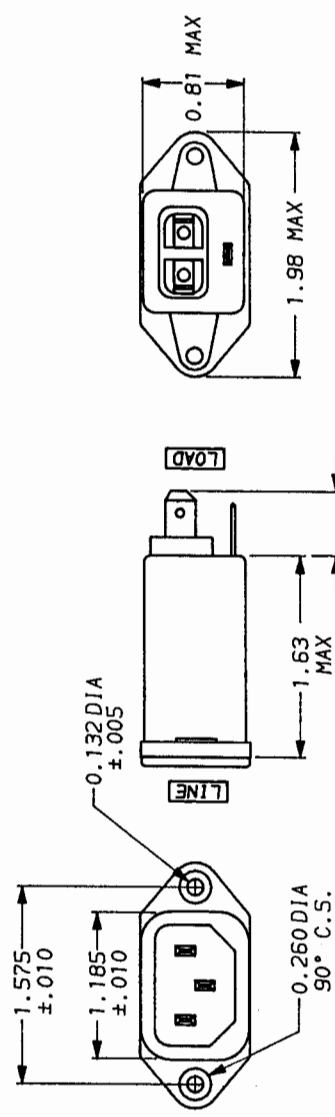
RELIABILITY SPECIFICATIONS.  
 STORAGE TEMPERATURE,  
 HUMIDITY,  
 CURRENT OVERLOAD TEST,

10.0 mH NOMINAL  
 CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)  
 ZERO  
 .047µF ±20%  
 1.5 MΩ  
 6000 MΩ (MIN) AT 100 VDC  
 20°C AND 50% RH

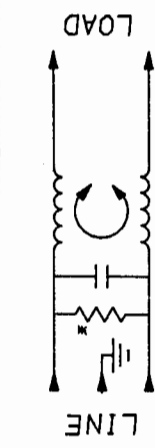
TEST SPECIFICATIONS.  
 INDUCTANCE,  
 CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)  
 LINE TO GROUND,  
 LINE TO LINE,  
 DISCHARGE RESISTOR,  
 LINE/GROUND AND LINE/LINE  
 INSULATION RESISTANCE  
 (W/O DISCHARGE RESISTOR)

RECOMMENDED RECEIVING INSPECTION HIPOT.  
 LINES TO GROUND,  
 LINES TO LINE,  
 FILTER APPROVAL,  
 THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING  
 TO TEST THE UNIT IN YOUR EQUIPMENT.

1500 VAC FOR 1 MINUTE  
 1450 VDC FOR 1 MINUTE



TOLERANCE ±.005



50Ω - 50m (MINIMUM) INSERTION LOSS										
FREQUENCY PHZ	.10	.05	.10	.15	.50	1	3	5	10	30
COMMON dB	8	21	29	32	42	45	42	32	25	19
DIFF. dB	-	-	-	-	1	10	16	25	30	31

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  
 ENGLISH, ±.025  
 METRIC, ±  
 MATERIAL,  
 AS SUPPLIED

FINISH:  
 AS SUPPLIED

**corcom**  
 LIBERTYVILLE, IL 60048

**POWER LINE FILTER**

SCALE	DATE	DRG. NO.	REV.
NTS	9-19-91		1EBH1.01
DRN. BY	DESIGNATOR		
CFW	CFW		

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