

C. Westby 5-21-92
APPROVED BY/DATE
REV

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 APPROVED

UL 1283
CSA 22.2, NO.0,0.4,8
VDE 565-3
SEV 1055/TP1977/5.1.1

OPERATING SPECIFICATIONS.

LINE VOLTAGE/CURRENT:

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

LINE FREQUENCY:

MAX. CASE RISE & RATED CURRENT,
MAX. LEAKAGE CURRENT, EACH
LINE TO GROUND
OPERATING AMBIENT TEMP. RANGE:

.25mA at 120V 60 Hz
.48 mA at 250V 50 Hz
-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
21 DAYS @ 40°C 95% RH
6 TIMES RATED CURRENT FOR 8 SECONDS

HUMIDITY:

CURRENT OVERLOAD TEST:

TEST SPECIFICATIONS.

INDUCTANCE:

7.05 mH NOMINAL
CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
LINE TO GROUND:
LINE TO LINE:
DISCHARGE RESISTOR
INSULATION RESISTANCE

.005µF ±20%
.54µF ±20%
330 KΩ
5000 MΩ (MIN) AT 100 VDC
20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT.

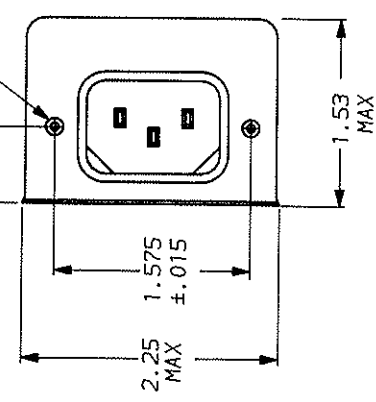
2250 VDC FOR 1 MINUTE
1450 VDC FOR 1 MINUTE

FILTER APPROVAL:

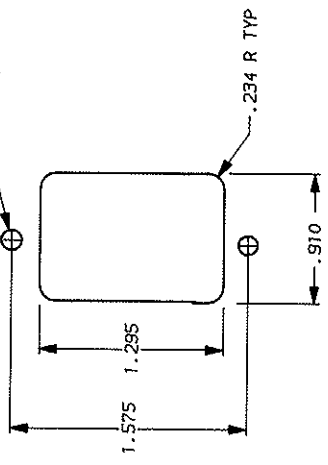
THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.

#6-32 X .25 INSERT
OR M3 X .5 (2)

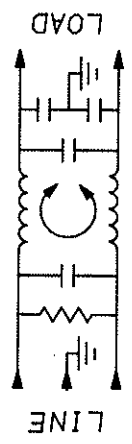
0.078 REF



.140 DIA



PANEL CUTOUP
TOLERANCE ±.005



50Ω - 50Ω (MINIMUM) INSERTION LOSS												
FREQUENCY MHz	.01	.02	.05	.08	.1	.15	.5	1	5	10	20	30
COMMON dB	5	10	19	25	27	30	48	40	36	36	36	36
DIFF. dB	1	1	2	3	10	25	59	65	62	40	40	40

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.



POWER LINE FILTER

DATE	DRG. NO.	REV.
9-12-89	3ESK7	6
DESIGNED BY	CHECKED BY	DATE
TDL	CH	9-12-89