

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 1283
 CSA 22.2 NO. 0, 0.4, 8

OPERATING SPECIFICATIONS.

- LINE VOLTAGE/CURRENT, 45 OR 60 AMP., 250VAC PHASE/NEUTRAL-GND
 45 OR 60 AMP., 440VAC PHASE/PHASE
 50-60HZ
- LINE FREQUENCY, 40°C
- MAX. CASE RISE RATED CURRENT, 1.4mA @ 120V 60HZ
- MAX. LEAKAGE CURRENT, EACH 3.4mA @ 250V 50HZ
- LINE TO GROUND
- OPERATING AMBIENT TEMP. RANGE, -10°C TO +40°C @ RATED CURRENT, I_r
- IN AN AMBIENT, I_o, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_o, IS AS FOLLOWS:

$$I_o = I_r \sqrt{\frac{55-I_a}{45}}$$

RELIABILITY SPECIFICATIONS.

- STORAGE TEMPERATURE, -25°C TO +85°C
- HUMIDITY, 21 DAYS @ 40°C 95% RH

TEST SPECIFICATIONS.

- INDUCTANCE, 45A = 1.1mH NOMINAL
 60A = 0.74mH NOMINAL
- GROUND CHOKES, 45A = .267mH NOMINAL
 60A = .242mH NOMINAL
- CAPACITANCE, (MEASURED @ 1 KHZ, 0.25 VAC MAX., 25°C ±1°C)
 PHASE/NEUTRAL TO GROUND:
 .026µF ±20%
 2.0µF ±20%
- PHASE TO NEUTRAL, 165K OHMS
- DISCHARGE RESISTOR, 6000 Oh (MIN) AT 100 VDC
- LINE/GROUND AND LINE/LINE INSULATION RESISTANCE (W/O DISCHARGE RESISTOR) 20°C AND 50% RH
- RECOMMENDED RECEIVING INSPECTION HIPOT, 1500 VAC FOR 1 MINUTE
 PHASE/NEUTRAL TO GROUND, 1450 VDC FOR 1 MINUTE
- PHASE TO NEUTRAL, FILTER APPROVAL.

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

TOLERANCE EXCEPT AS NOTED

DECIMAL: .XXX .XX .X ANGLES ±1°
 ENGLISH: ±.030
 METRIC: ±

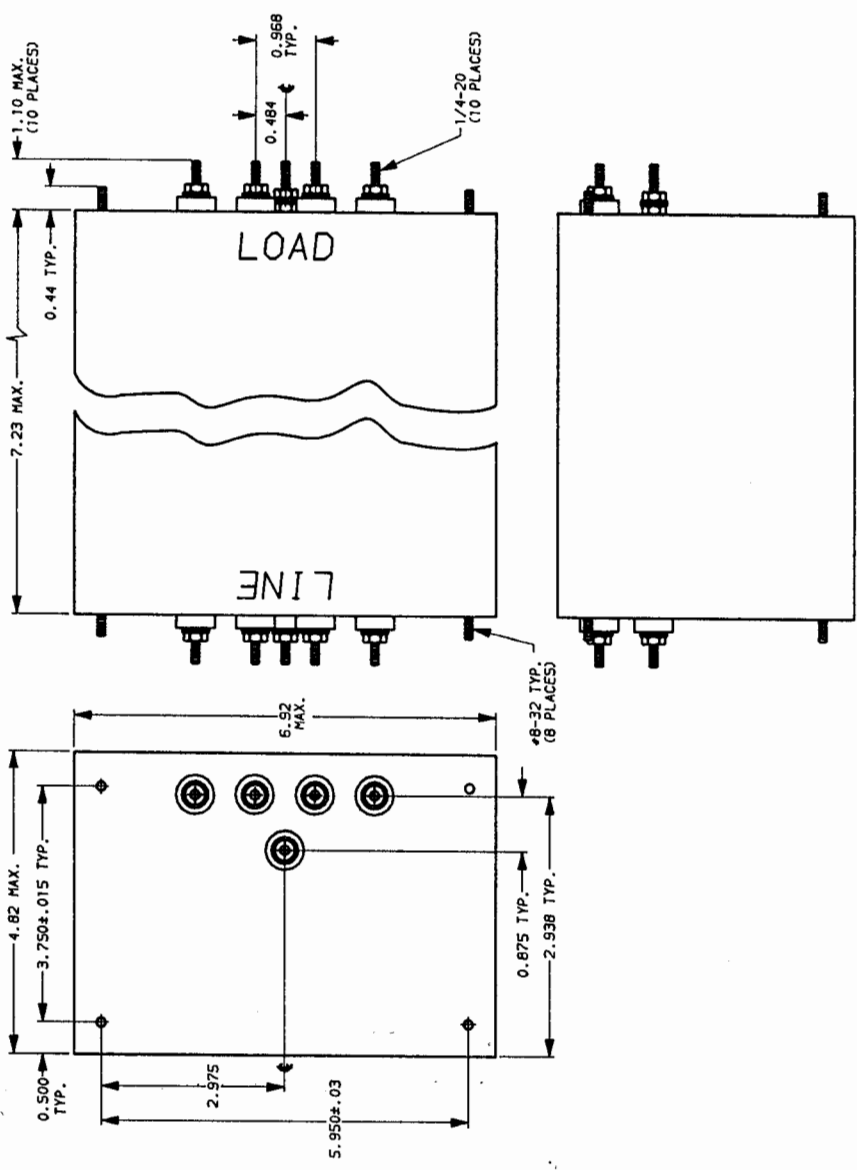
MATERIAL: AS SUPPLIED

FINISH:



POWER LINE FILTER

SCALE	DATE	DRG. NO.	REV.
NTS	4-25-89	45AYP6C & 60AYP6C	2
DRW. BY	LJD	CFM	



NOTE: COMMON MODE A-B-C & N SHORTED TOGETHER.
 DIFF. MODE MEASURED N TO A-B-C SHORTED TOGETHER.

50n - 50n (MINIMUM)		INSERTION LOSS	
FREQUENCY	COMMON	DIFF.	DIFF.
MHZ	dB	dB	dB
.05	15	5	10
.15	49	49	58
.5	49	50	54
1.0	49	50	54
5.0	49	50	54
10.0	49	50	54
30.0	45	56	43
45	47	65	56
50	43	65	56
50	43	65	56

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.

NOTES:
 1.) LINE SIDE HAS INSULATED GROUND TERMINAL.

