

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%
 PHASE TO NEUTRAL, 2.0µF ±20%
 DISCHARGE RESISTOR, 165K OHMS
 LINE/GROUND AND LINE/LINE 6000 Oh (MIN) AT 100 VDC
 INSULATION RESISTANCE 20°C AND 50% RH
 (W/O DISCHARGE RESISTOR)
RECOMMENDED RECEIVING INSPECTION HIPOT.
 PHASE/NEUTRAL TO GROUND, 1500 VAC FOR 1 MINUTE
 PHASE TO NEUTRAL, 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.

TOLERANCE EXCEPT AS NOTED

DECIMAL, .xxx .xx .x ANGLES ±1°
 ENGLISH, ±.030
 METRIC, ±

MATERIAL:
 AS SUPPLIED

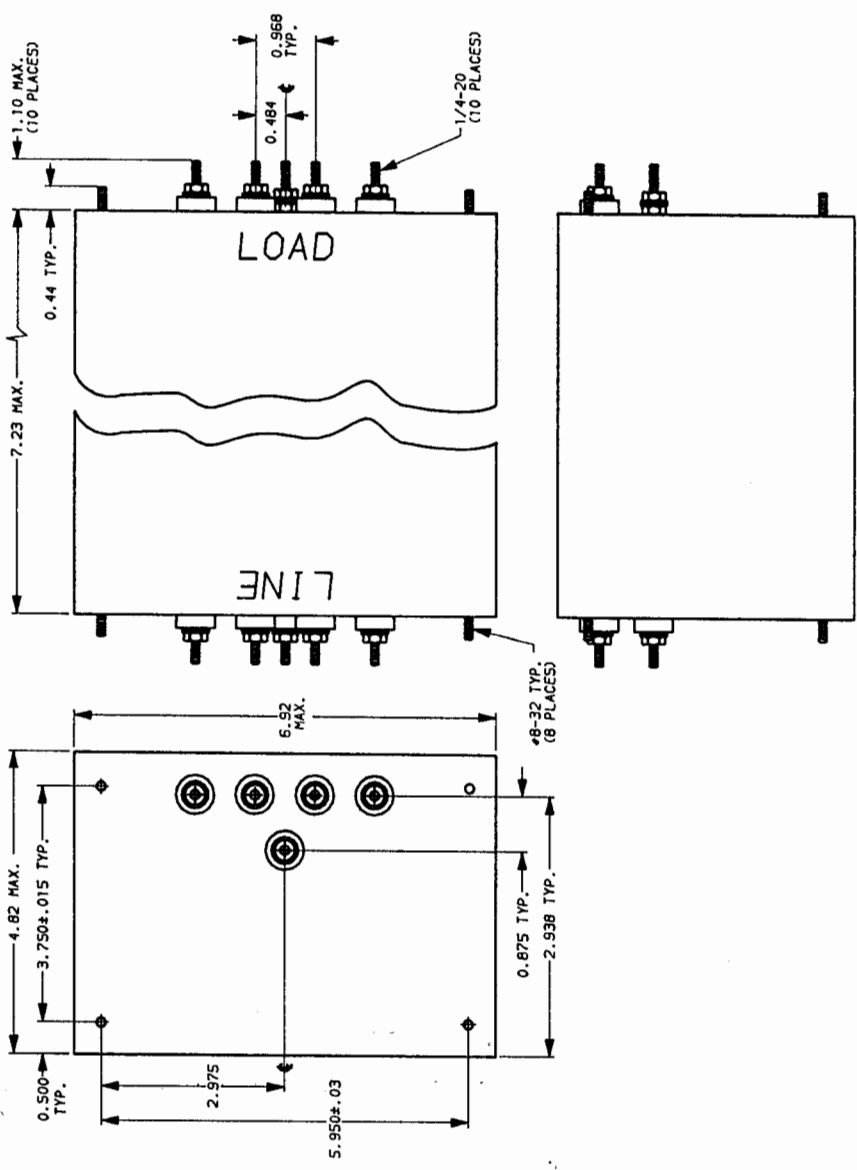
FINISH:

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POWER LINE FILTER

SCALE	DATE	DRG. NO.	REV.
NTS	4-25-89	45AYP6C & 60AYP6C	2
DRW. BY	PREPARED 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	50	54
.5	49	50	54
1.0	49	50	54
5.0	49	50	54
10.0	49	50	54
30.0	45	56	65
45	45	56	65
50	45	56	65

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

